MITS
MADANAPALLE

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)

Department OF CSE

MAGAZINE

TECHERA 2024

MESSAGE FROM THE CORRESPONDENT

I am exhilarated that the Department of Computer Science & Engineering at MITS is launching a magazine called TECHERA in 2024. This Magazine brings out the intellectual brilliance in various new techniques introduced in Information Technology industry.

"**Hard work, sincerity, dedication, and enthusiastic devotion to your work will bring you unbounded success. May the Lord shower His blessings on you.**"

I warmly congratulate the students and the staff of CSE Department and wish them a grand success.

Dr. N. Vijaya Bhaskar Choudary
Correspondent

MESSAGE FROM THE PRINCIPAL

I am delighted about the magazine **'TECHERA'**, published by the Department of Computer Science & Engineering at MITS. On this momentous occasion, I congratulate all the students and faculty members of the department for their excellent efforts and coordination in making the magazine a great success.

Principal

Dr. C. Yuvaraj

MESSAGE FROM THE HEAD OF THE DEPARTMENT

TECHERA is dedicated to addressing emerging topics and challenges in technology.TECHERA is to create great awareness on new innovative ideas and technologies. I thank the readers of **'TECHERA'** for their support and encourage them to provide useful feedback to enhance the magazine's standards.

Dr. M. Sreedevi
Head of the Department,CSE

EDITORIAL DESK

The annual release of the department magazine "**TECHERA – 2024",** mark the spirit of exploration among students in an environment of erudition.

This year's edition of **'TECHERA - 2024'** focuses on current trends in Computer Science & Engineering, key drivers in shaping a new world of science. It is a collection of information and facts, featuring the recent developments of fascinating and conceptual communication.

The editorial team expresses its gratitude to all who have made **'TECHERA - 2024'** a remarkable success.

ABOUT MITS

Madanapalle Institute of Technology & Science was established in 1998 in the picturesque and pleasant surroundings of Madanapalle. It is ideally located on a sprawling 26.17-acre campus along the Madanapalle-Anantapur Highway near Angallu, about 10 km from Madanapalle.

MITS, originated under the auspices of Ratakonda Ranga Reddy Educational Academy, under the proactive leadership of and **Dr. N. Vijay Bhaskar Choudary, Secretary & Correspondent** of the Academy.

MITS is governed by a progressive management that never rests on laurels and has been striving conscientiously to develop it as one of the best centers of Academic Excellence in India. The Institution's profile is firmly based on strategies and action plans that match changing demands of the nation and the student's fraternity. MITS enjoys constant support and patronage of NRI's with distinguished academic traditions and vast experience in Engineering & Technology.

ABOUT DEPARTMENT

The Department of Computer Science & Engineering, established in 1998, has been playing a vital role in producing value-based professionals. The department offers one 4 years undergraduate program to cater to the ever-challenging needs of technical excellence in the emerging areas of Computer Science & Engineering. The curriculum is flexibly designed to meet the IT industry's evolving needs. The CSE department has eminent faculty members with rich academic and industry exposure, who have pursued a Masters/Ph.D. Degree from prestigious institutions like NITs, IITs, and Central Universities within India and abroad. Many research activities in the domain of Artificial Intelligence (AI) and Machine Learning (ML) are under progress. Department of CSE has good interactions and MoUs with leading Industries for technology domain Training & Development Industries. It organizes Symposia, Exhibitions, Conferences, Seminars and Workshops for both students and Faculty belonging to various Technical Educational Institutions, Research Scholars of Research Institutes and Industries all over India.

Our students have secured placement offers from leading MNCs such as TCS, Infosys, IBM, Tech Mahindra, Accenture, Mindtree, etc., with prestigious salary packages ranging from 14 to 24 LPA. The department also offers training in certification programs and encourages students in self-learning with MOOC's such as NPTEL, Microsoft, Coursera, edX, etc. Activities in Research outcomes are presented/published in National / International Conferences / Journals. The students can become members of CSI, IEEE-CS, IEEE-PCS, IEEE-WIE, ACM & IET and participate various activities through these professional body.Department is committed to encourage students/researchers to carry out innovative research in the field of Computer Science & Engineering, keeping excellence in focus and deliver quality servicesto match the needs of the technical education system, industry and society. Students of CSE department are motivated to be innovative in their thinking while being strong in the Computer Science Core Knowledge. The department is also accredited by NBA (NationalBoard of Accreditation) of All India Council for Technical Education (AICTE), New Delhi.

DEPARTMENT VISION

To excel in technical education and research in area of Computer Science & Engineering and to provide expert, proficient and knowledgeable individuals with high enthusiasm to meet the Societal challenges.

DEPARTMENT MISSION

M1: To provide an open environment to the students and faculty that promotes professional and personal growth.

M2: To impart strong theoretical and practical background across the computer science discipline with an emphasis on software development and research.

M3: To inculcate the skills necessary to continue their education after graduation, as well as for the societal needs.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

The Program Educational Objectives (PEOs) of the department of CSE are given below:

PEO1: Gain Successful Professional career in IT industry as an efficient software engineer.

PEO2: Succeed in Master / Research programmers to gain knowledge on emerging technologies in Computer Science and Engineering.

PEO3: Grow as a responsible computing professional in their own area of interest with intellectual skills and ethics through lifelong learning approach to meet societal needs.

PROGRAM SPECIFIC OUTCOMES (PSOs)

The Computer Science & Engineering Graduates will be able to:

PSO1: Apply mathematical foundations, algorithmic principles and computing techniques in the modelling and design of computer based systems.

PSO2: Design and develop software in the areas of relevance under realistic constraints.

PSO3: Analyze real world problems and develop computing solutions by applying concepts of Computer Science.

CONTENTS

1. KIDDIE MIND EXPLORER

Kiddie Mind Explorer is an interactive and educational online platform designed specifically for children, aimed at nurturing their creativity, cognitive development, and exploration of various themes. It offers a diverse range of activities and games tailored to engage children in meaningful learning experiences while having fun.

Key features of Kiddie Mind Explorer include

1.Drawing Activities

The website provides a variety of drawing activities that encourage children to unleash their creativity. From drawing games that stimulate imagination to coloring pages featuring vibrant illustrations, children can express themselves artistically in a digital environment.

2.Brain Development Games

Kiddie Mind Explorer offers a selection of games designed to stimulate cognitive skills and critical thinking. These include memory matching games, puzzle challenges, and activities focused on pattern recognition, all of which contribute to children's cognitive development in an enjoyable way.

3.Themed Content

The platform incorporates themed content to keep children engaged and excited about learning. Whether it’s exploring a Halloween theme with spooky coloring pages and memory games or delving into seasonal topics like holidays or nature, Kiddie Mind Explorer offers a variety of themed experiences to captivate young minds.

4.User-friendly Interface

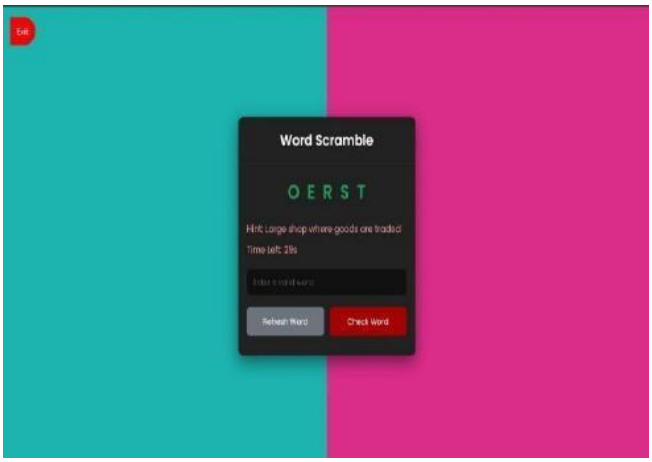
The website provides a user-friendly interface designed with children in mind. Intuitive navigation and colourful visuals make it easy for children to explore the different activities and games available, fostering independent learning and exploration.

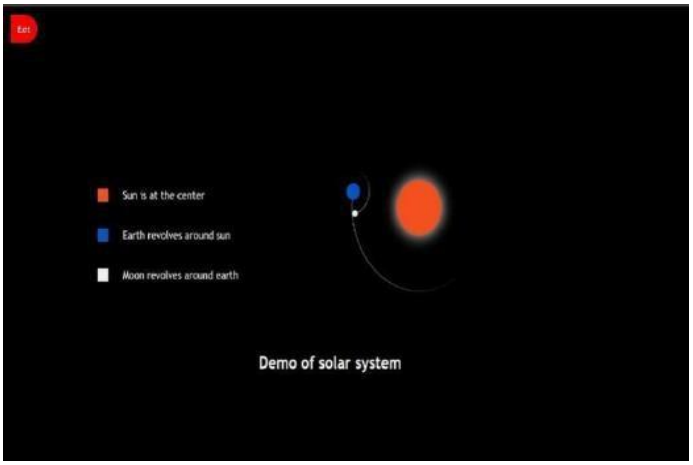
5.Educational value

While the activities on KiddieMind Explorer are entertaining, they also hold educational value. Each activity is thoughtfully crafted to promote learning in areas such as fine motor skills, visual-spatial reasoning, memory retention, and problem- solving abilities, helping children develop essential skills as they play.

Potential Benefits:

- Educational Enrichment
- Creativity Enrichment
- Cognitive development
- Entertainment and Engagement
- Convenience and Accessibility
- Parental Involvement





Advantages:

1. **Educational Reinforcement:** Kiddie Mind Explorer offers a variety of activities and games that reinforce educational concepts learned in school. This helps children solidify their understanding of topics in a fun and interactive way.
2. **Development of critical skills:** The platform helps develop critical skills such as problem- solving, memory retention, creativity, and fine motor skills through its diverse range of activities and games.
3. **Accessible Learning:** Kiddie Mind Explorer provides an accessible learning platform for children of all backgrounds, including those with limited access to traditional educational resources. As long as they have an internet connection, children can engage with the platform from anywhere.
4. **Safety online Environment**: The website provides a safe and secure online environment designed specifically for children. Parents can have peace of mind knowing that their children are engaging with educational content in a controlled online space.

5.Engaging Content: The platform offers engaging content that captures children's attention and keeps them motivated to learn. With colourful illustrations and interactive games, Kiddie Mind Explorer makes learning enjoyable and rewarding.

6.Versatality: The platform's versatility allows children to explore a wide range of topics and themes, from drawing and creativity to brain teasers and seasonal activities like Halloween. This ensures that there's something for every child's interest and preference.

Kiddie Mind Explorer stands as a valuable educational platform offering a myriad of benefits for children, parents, educators, and society at large. Through its engaging and interactive activities, the platform not only reinforces educational concepts but also nurtures critical skills essential for children's cognitive development and creativity.

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2.Embracing Open-Source Projects:A Gateway to Learning and Impact

Introduction

Open-source projects are like collaborative group efforts where anyone can participate. They stand out because they allow people to view, modify, and share the software's code freely. In this article, we'll explore what open source projects are, why they're important, and how they can help students and society.

What is an Open Source Project?

Open source projects are like big, complicated puzzles where everyone can help find the right pieces they're looking for. The pieces, which are lines of code that make software work, allow anyone to look at, change, and share the code for free. It's akin to a cake recipe that anyone can enhance with their own unique ingredient.

Why Open Source Projects Matter

Open-source projects are essential because they allow for innovation and collaboration without requiring significant financial investment. People from around the world can contribute, improving the software and making it freely accessible to everyone—much like a global potluck where everyone brings something to share."

How Open Source Projects Help Engineering Students

For students who are studying engineering, open-source projects are sort of like real-life labs, cool right? They let students try out what they've learned in class and learn new things too, and that's always a plus. Students can work with others, fix problems, and make the software better - it's like practicing for a big game with your teammates, an amazing experience for sure.

Contributing to Society

Open source projects aren't just helpful for students, they help everyone. They play a crucial role in making things like healthcare, education, and protecting the environment easier and cheaper. For example, they help doctors share important information, teachers teach more students, and scientists study nature, quite impactful, don't you think? It's kind of like having lots of helpers making the world a better place every day.

How to Contribute to Open Source Projects

So, joining an open-source project, it's quite easy. You can start by simply finding one you like and want to help with. Then, you just need to read the instructions carefully and ask questions if you're not sure. You can help by fixing small problems, writing instructions, or adding new features. It's just like being part of a big team where everyone has a role to play, such a collaborative e ort!Exploring Leading Open Source Projects Several open source projects are leading the charge in driving technological innovation across various domains.

Here are a few notable examples

Linux Kernel

The heart of the Linux operating system, the Linux Kernel is a collaborative eort that powers a wide range of devices, from smartphones to supercomputers.

Apache Kafka: Apache Kafka is an open-source distributed event streaming platform used for building real-time data pipelines and streaming applications.

TensorFlow: Developed by Google, TensorFlow is an open-source machine learning framework widely used for building and deploying artificial intelligence applications.

Kubernetes: Kubernetes is an open-source container orchestration platform that automates the deployment,

scaling, and management of containerized applications.

WordPress: WordPress is an open-source content management system used to create websites, blogs, and online stores, powering a significant portion of the web.

Fig 2.1: Collection Of Icons Representing Various Open-Source Projects.

Making Your First Contribution

Making your first contribution to an open source project, now that can be exciting, you know? Even if you're new, people are usually friendly and happy to help, which is always a plus. I recently joined a project called Cloud Forest through the Linux Foundation. Even though I was new, I learned a lot and helped make the project better - it felt like being part of a big family where everyone helps each other out, truly heartwarming.

My Journey with Open Source

In 2023, I had the opportunity to attend the Open Source India event held in Bangalore. This experience exposed me to the dynamic world of open source, where I learned new concepts, connected with industry leaders, and discovered exciting projects. Inspired by the event, I joined open source communities and began my journey of contributing to projects through the Linux Foundation.

Contributing to Cloud Forest Plugin Development

Through the Linux Foundation, I embarked on a journey of contributing to the development of the Cloud Forest plugin. This project, aimed at enhancing cloud computing capabilities, provided me with an opportunity to apply my skills collaborate with experienced developers and make a meaningful contribution to the open source community.

Conclusion

Open source projects, they're like big communities where everyone is welcome. They help students learn, create cool things, and make the world a better place. By joining an opensource project, you can be part of something big and make a difference, even if you're just starting. So, why not give it a try and see where it takes you? Open source is like a potluck dinner where everyone brings their best recipes, and together, we cook up something amazing – except in this case, it's code, not casseroles!

Article by

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3.IOT BASED THEFT ALARM

Introduction

Nowadays, technology is an integral part of people's lives, so the security of one's home, shop, or any space must not be overlooked. The purpose of this project is to design a system which will protect our house or anyplace from thief in our absence by using a camera module operated by Arduino. This system mainly consists of a Web camera to detect guests,

Arduino, Wi-Fi module, sensors, servo motor, resistor, ESP32 and a Mobile device for interfacing with the system. Whenever someone enters the house, their movement is immediately detected by the sensor, which sends a signal to the Arduino controller. If the controller finds the request as valid after processing, then it turn on the camera which is linked to the controller to the area where the motion was detected and then sends it to the user over the Internet to check the footage. Sensors are linked to the Arduino processing unit. An input signal is generated by the sensors when they detect the motion. Once input signal is generated it will be transmitted to Arduino unit and it validates the request. Camera linked to the Arduino will capture the video based on the input signal. Video frames which are collected by the camera are transmitted to the owner over the internet using Wi-Fi module.

The owner in turn can take the required action in order to protect his/her house orshop from robbery

Proposed System

The system is made up of both hardware and software elements.

Hardware components

1. Arduino
2. Resistor
3. Servo Motor
4. Piezo Sensor
5. Buzzer

Language Used

1. C++
2. C

Arduino

Arduino is an open-source electronic device prototyping platform based on easy- to-use hardware and software. Arduino is a microcontroller-based prototyping board that can be used to develop digital devices that can read inputs such as button fingers, touch screens, turn on sensors, and convert to rotate motor. The Arduino board has a USB connector for communicating with the computer, and the motor, LED, etc. can be wired externally.

Servo Motor

Servo motors are rotary actuators that provide accurate angular position control. It consists of a motor coupled to a position feedback sensor. You also need a servo drive to complete the system. The drive uses a feedback sensor to precisely control the rotational position of the motor.

Sensor

Sensors are devices that measure physical inputs from the environment and convert them into data that can be interpreted by either humans or machines. In this project we have use Piezo sensors. Piezoelectric sensors, also known as piezoelectric transducers, are devices that use the piezoelectric effect to measure changes in pressure, acceleration, temperature, strain, or force by converting them into electric charges.

Buzzer

Audio signaling devices such as buzzers or buzzers can be electro mechanical, piezo electric or mechanical. Its main function is to convert the signal from audio to sound. Generally, it is powered by DC voltage and used in timers, alarms, printers, alarms, computers, etc.

Block Diagram

The IoT based Security System using Arduino capture the entire floor for movement. An alert over IoT will be generated once it detects the movement on the floor. This is a secure system which is connected with IoT and it is to be turned on when we go out of home, then whoever try to enter into the house, information will be passed over the IoT. This system is powered by Arduino which is included in the security system.

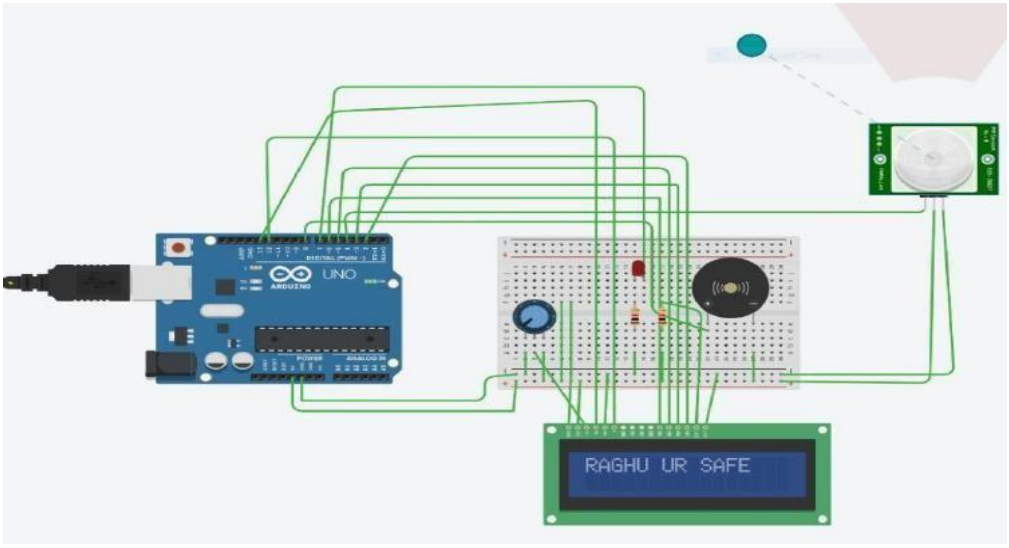

Fig 3.1: Arduino Security System with Motion Detection and Display Alert

Conclusion

This smart IOT based surveillance system is been developed with the goal to design in such a way that it can fulfill the requirement of user or an organization for particular surveillance area. The accuracy or performance of entire system can be measured in terms of the sensor accuracy, and face detection or recognition accuracy. Additional features can be added to the proposed model like electronic device control along with the home automation system by adding the additional sensors and actuators.

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4. Cloud Computing

Introduction

In the ever-evolving landscape of technology, one concept has emerged as a linchpin of innovation cloud computing. Revolutionizing the way businesses and individuals store, process, and access data, cloud computing has become synonymous with agility, scalability, and efficiency in the digital age.

The Essence of Cloud Computing

At its core, cloud computing refers to the delivery of computing services—such as storage, databases, networking, software, and analytics—over the internet (the cloud) on a pay-as-you-go basis. Instead of relying on local servers or personal devices, third-party providers remotely host and manage all applications.

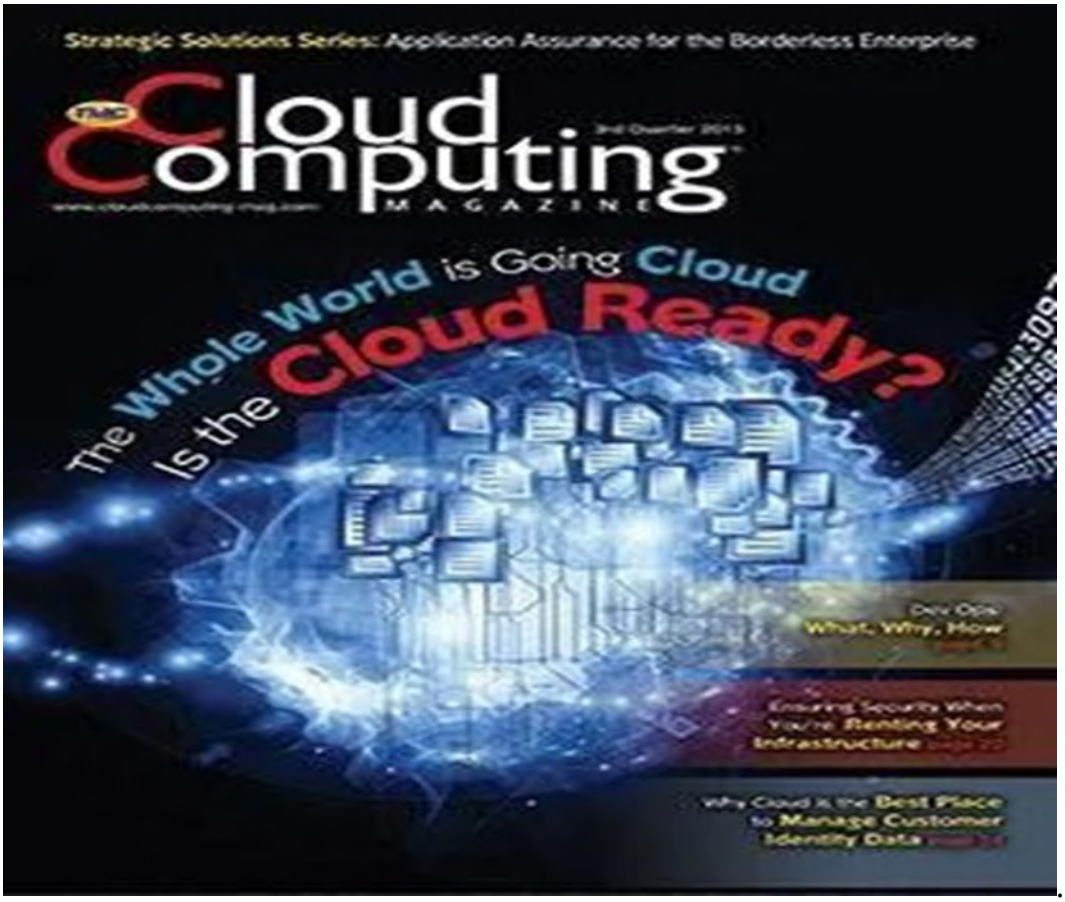

Fig 4.1: Cloud Adoption Ready for the Global Shift

Key Components

- **Infrastructure as a Service (IaaS):** Provides virtualized computing resources over the internet, allowing users to deploy and manage servers, storage, and networking infrastructure.
- **Platform as a Service (PaaS):** Offers a platform allowing customers to develop, run, and manage applications without the complexity of building and maintaining the underlying infrastructure.
- **Software as a Service (SaaS):** Delivers software applications over the internet on a subscription basis, eliminating the need for users to install, update, or maintain software locally.

Advantages are

- **Scalability**: Cloud computing allows businesses to scale resources up or down based on demand, enabling them to handle fluctuations in workload seamlessly.
- **Cost-Efficiency**: With pay-as-you-go pricing models, organizations can avoid the upfront costs of hardware and infrastructure, paying only for the resources they use.
- **Flexibility and Accessibility**: Users can access cloud services from anywhere with an internet connection, enabling remote work and collaboration on a global scale.
- **Enhanced Security:** Cloud providers invest heavily in security measures, often offering advanced encryption, threat detection, and compliance certifications to safeguard data.
- **Innovation and Speed**: Cloud computing accelerates the development and deployment of applications, fostering innovation and driving digital transformation across industries.

Challenges and Considerations

- **Security Concerns**: While cloud providers implement robust security measures, data breaches and compliance issues remain significant concerns for businesses entrusting sensitive information to third-party services.
- **Vendor Lock-In**: Switching between cloud providers can be complex and costly, leading to concerns about vendor lock-in and limited flexibility.
- **Performance and Reliability**: Reliance on internet connectivity means that outages or latency issues can impact performance, necessitating redundancy and backup strategies.
- **Data Privacy and Compliance**: Compliance with data protection regulations, such as GDPR and HIPAA, requires careful consideration when storing and processing data in the cloud.

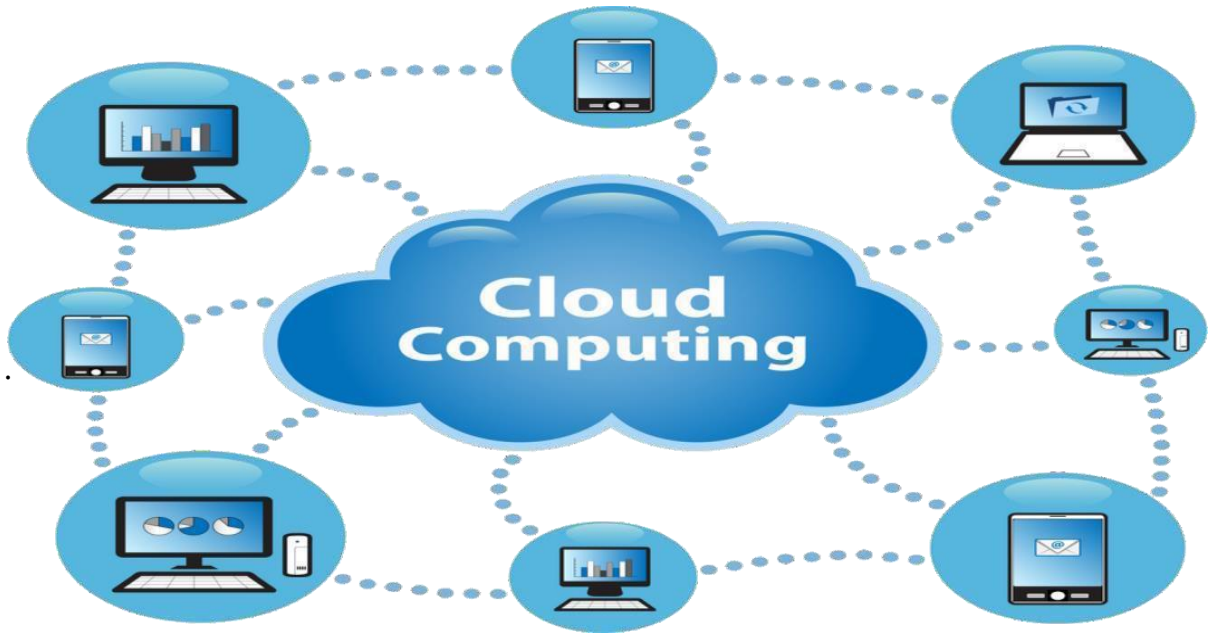

Fig 4.2:Architecture of Cloud Computing

Future Enhancement

As technology continues to evolve, cloud computing is poised to play an even more integral role in shaping the future of businesses and society. Advancements in areas such as edge computing, hybrid cloud solutions, and artificial intelligence will further enhance the capabilities and versatility of cloud platforms.

Conclusion

In conclusion, cloud computing represents a paradigm shift in how computing resources are consumed and managed. By providing unmatched scalability, cost-efficiency, and agility, it enables organizations to innovate, adapt, and thrive in the digital era. Embracing the cloud is no longer just an option but a necessity for those seeking to stay competitive and resilient in an increasingly interconnected world.

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5. Animal Detection System: Ensuring Safety and Security for All

In the field of wildlife conservation, the ability to accurately identify and track animals is of utmost importance. This is where a creative arrangement like the Creature Recognition Framework becomes possibly the most important factor. Intended to take special care of the necessities of untamed life scientists, park officers, and creature devotees the same, this cutting edge innovation offers a great many advantages that make it a priceless instrument in the field.

The essential interest group for the Creature Location Framework incorporates untamed life analysts who concentrate on creature conduct, park officers answerable for checking and safeguarding natural life, and creature lovers who are energetic about noticing and grasping different species. By utilizing this framework, they can get ongoing information and significant bits of knowledge into creature developments, ways of behaving, and populace elements.

The Creature Identification Framework works through a mix of state of the art innovations, including computerized reasoning and picture acknowledgment calculations. It can perceive and group an immense range of creature species, from huge vertebrates like elephants and tigers to little birds and reptiles. This adaptability makes it an optimal answer for different biological systems, going from thick backwoods to open fields.

One of the critical benefits of this framework is its exactness. By using computer based intelligence controlled calculations, the Creature Location Framework can quickly and precisely distinguish creatures, even in testing conditions. This guarantees that specialists and officers get exact data, empowering them to put forth informed choices in regards to protection attempts, living space safeguarding, and natural life the executives.

Also, the Creature Discovery Framework improves security for the two creatures and people. By giving constant data about creature areas, it forestalls expected clashes among people and untamed life. Park officers can utilize this information to recognize regions where creatures are available, permitting them to as needs be lay out well being conventions and guide guests. This advances an amicable conjunction among people and creatures, diminishing the gamble of mishaps or mischief to one or the other party.

Moreover, the Creature Discovery Framework can add to the avoidance of criminal operations, for example, poaching and untamed life dealing. By observing creature developments and distinguishing any dubious or unapproved exercises, park officers and policing can intercede speedily and forestall further damage to untamed life populaces. This innovation goes about as a strong hindrance, making it harder for poachers to work undetected.

The framework's easy to understand interface makes it open to a large number of clients, including those without broad specialized mastery. Analysts and stop officer scan without much of a stretch explore through the framework's highlights, view creature information, and produce complete reports. This consistent reconciliation among innovation and ease of use guarantees that the Creature Location Frame work can be successfully used by people across different disciplines.

In conclusion, the Animal Detection System transforms how we monitor and protect wildlife. Its unmatched accuracy, continuous capacities, and straightforward point of interaction make it a huge instrument for researchers, park officials, and animal enthusiasts. By outfitting the power of man-made knowledge and picture affirmation estimations, this system ensures the prosperity and security of the two animals and individuals, adding to the insurance of biodiversity and the legitimacy of our standard surroundings.

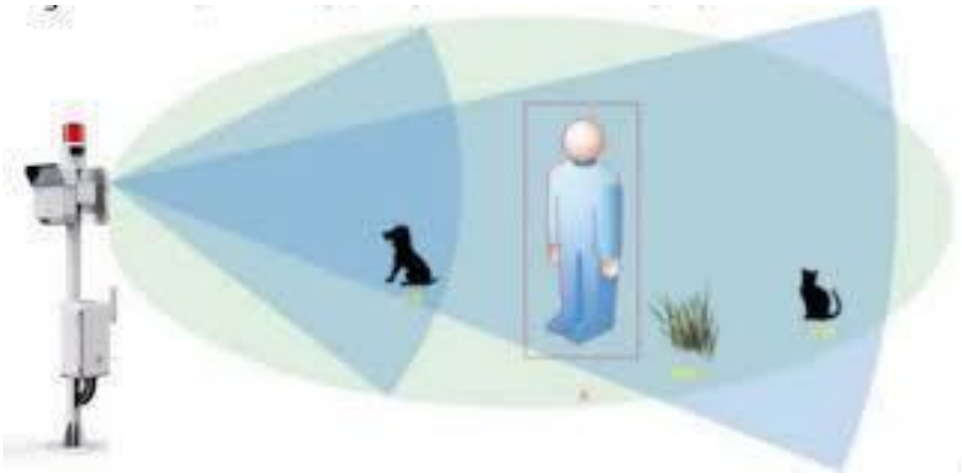

Fig 5.1: Object Detection using Cutting Edge Framework

Article By

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6. NVIDIA Unveils Cutting-Edge AI Chip Configuration: A Revolutionar Leap Forward

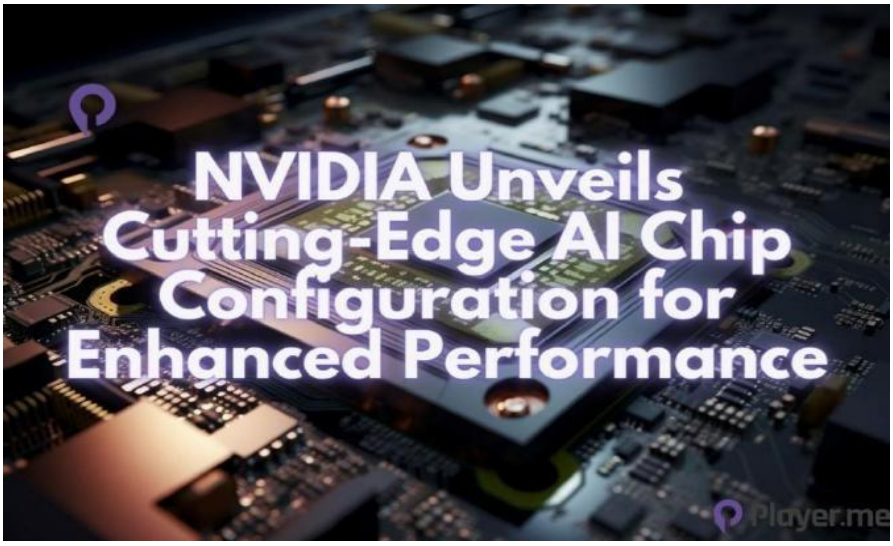

Fig 6.1: NVIDIA Unveils Cutting-Edge AI Chip

NVIDIA, a leader in AI hardware, has surprised the tech world with the sudden announcement of a groundbreaking new platform. The latest platform, dubbed Blackwell is a family of new generation of AI chips, that promise significantly better AI computing performance, and better energy efficiency. In a monumental stride towards the future of artificial intelligence (AI) computing, NVIDIA has unveiled its latest innovation: a groundbreaking AI chip configuration poised to redefine the landscape of computational power and machine learning capabilities. This momentous announcement marks a significant milestone in the relentless pursuit of AI excellence and solidifies NVIDIA's position as a pioneering force in the realm of advanced computing technologies.

Harnessing the collective power of years of research and development, NVIDIA's new AI chip configuration represents a quantum leap forward in computational efficiency, performance, and scalability. Built upon a foundation of innovative architecture and fuelled by the relentless pursuit of technological advancement, this cutting-edge configuration promises to revolutionize industries ranging from healthcare and automotive to finance and beyond.

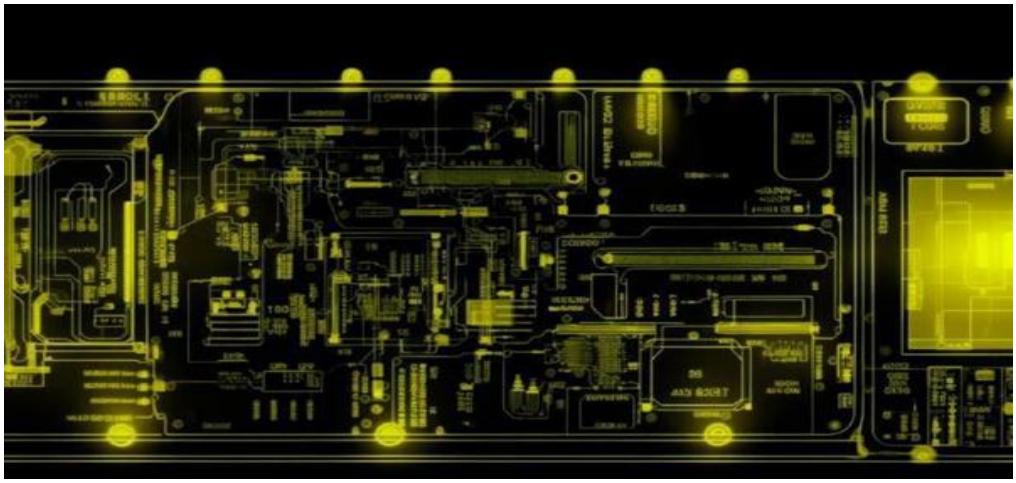

Fig 6.2: Advanced Circuitry Design: Illuminating the Future of Technology

At the heart of this revolutionary chip configuration lies NVIDIA's unwavering commitment to pushing the boundaries of what's possible in the realm of AI and machine learning. By leveraging the unparalleled parallel processing capabilities of GPUs (Graphics Processing Units), combined with the precision and speed of dedicated AI accelerators, NVIDIA has engineered a solution that transcends conventional computational limitations.

One of the key highlights of this new AI chip configuration is its unparalleled versatility and adaptability. Whether tasked with powering autonomous vehicles through complex real-time decision-making processes, accelerating drug discovery in the field of pharmaceuticals, or revolutionizing personalized healthcare through advanced medical imaging and diagnostics, this innovative chip configuration is poised to redefine the possibilities of AI across a myriad of industries.

Furthermore, NVIDIA's commitment to sustainability and energy efficiency shines through in this latest innovation. By optimizing every aspect of the chip's design and performance, NVIDIA has succeeded in delivering unprecedented levels of computational power while minimizing energy consumption and environmental impact—a testament to the company's dedication to responsible technological advancement.

The implications of NVIDIA's new AI chip configuration extend far beyond the realm of traditional computing. With the exponential growth of AI and machine learning applications reshaping industries and driving innovation across the globe, the need for scalable, high- performance computing solutions has never been greater. NVIDIA's latest offering not only meets this demand head-on but also sets a new standard for excellence in AI computing.

Looking ahead, the possibilities unlocked by NVIDIA's innovative chip configuration are virtually limitless. From powering the next generation of AI- driven robotics and autonomous systems to enabling breakthroughs in natural language processing and computer vision, the impact of this revolutionary technology will reverberate across every facet of society.

Fig 6.3: Embracing the Future: NVIDIA's Vision for AI Computing

In conclusion, NVIDIA's launch of its new AI chip configuration marks a watershed moment in the evolution of computational technology. With its unrivaled performance, efficiency, and versatility, this groundbreaking innovation is poised to reshape industries, drive innovation, and unlock new realms of possibility in the ever-expanding landscape of artificial intelligence and machine learning.

As we stand on the precipice of a new era of computing, one thing is abundantly clear: the future belongs to those bold enough to embrace the transformative power of NVIDIA's visionary technology. Whether it's revolutionizing healthcare, powering autonomous vehicles, or driving breakthroughs in scientific research, NVIDIA's AI chip configuration represents a paradigm shift in computational power—one that promises to shape the course of technological advancement for generations to come.

In the face of unprecedented challenges and opportunities, NVIDIA remains committed to pushing the boundaries of what's possible in AI computing. By continuing to innovate, collaborate, and explore new frontiers, NVIDIA is paving the way for a future where AI-driven solutions drive progress, empower individuals, and transform industries on a global scale.

As we embark on this journey towards a smarter, more connected future, NVIDIA's groundbreaking AI chip configuration serves as a beacon of hope and inspiration—a testament to the limitless potential of human ingenuity and innovation.

Together, let us embrace the future and harness the power of AI to build a better world for all. In conclusion, NVIDIA's launch of its new AI chip configuration represents a watershed moment in the evolution of computational technology. With its un rivaled performance, efficiency, and versatility, this groundbreaking innovation is poised to reshape industries, drive innovation, and unlock new realms of possibility in the ever- expanding landscape of artificial intelligence and machine learning. As we stand on the precipice of a new era of computing, one thing is abundantly clear: the future belongs to those bold enough to embrace the transformative power of NVIDIA's visionary technology.

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శీర్షిక: ఓటరు

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ఓ ఓటరూ, ఏమనుకుంటున్నావు?
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నీ బలహీన్తలు కొడుతూ
నీ అవసరాలు మబ్బె పెడుతూ నీ
ఆశలను చిదుముతూ
నువ్వే మా దైవముంటూ
నువ్వే మాక ముఖ్యముంటూ నువ్వే మా
వాడుంటూ
నువ్వే మా ఆశవుంటూ
నువ్వే మాక ఆయుష్షు యుంటూ
మోసగుంచేరు ఓ ఓటరు
జాగ్రత్త చేసుకో, మనసు స్థిరంగా
నాయకుడు లేకుంటే
నీ భవితక ఓక్కె వరు
నీ జీవితానికి భరోసా ఎవరు
నీ సుంక్షేమానికి సుంరక్షకడెవరు
ఓ ఓటరు ఏమనుకుంటునాన
వో నీవ్వమనుకుంటునాన
వోభవిత, Sలత, సుంక్షేముం
తీర్చే వాడే కావాలని కోరుదుం
మన్ంం మెచిే న్ వాడినే నిలబ్బడదుం
ఓ ఓటరు గురుతుంచుకో
ర్చరటి తరానిన నిలుపుతుంఓ నీ ఓటు

By
మంజు ప్రీతం కుంటముక్కల
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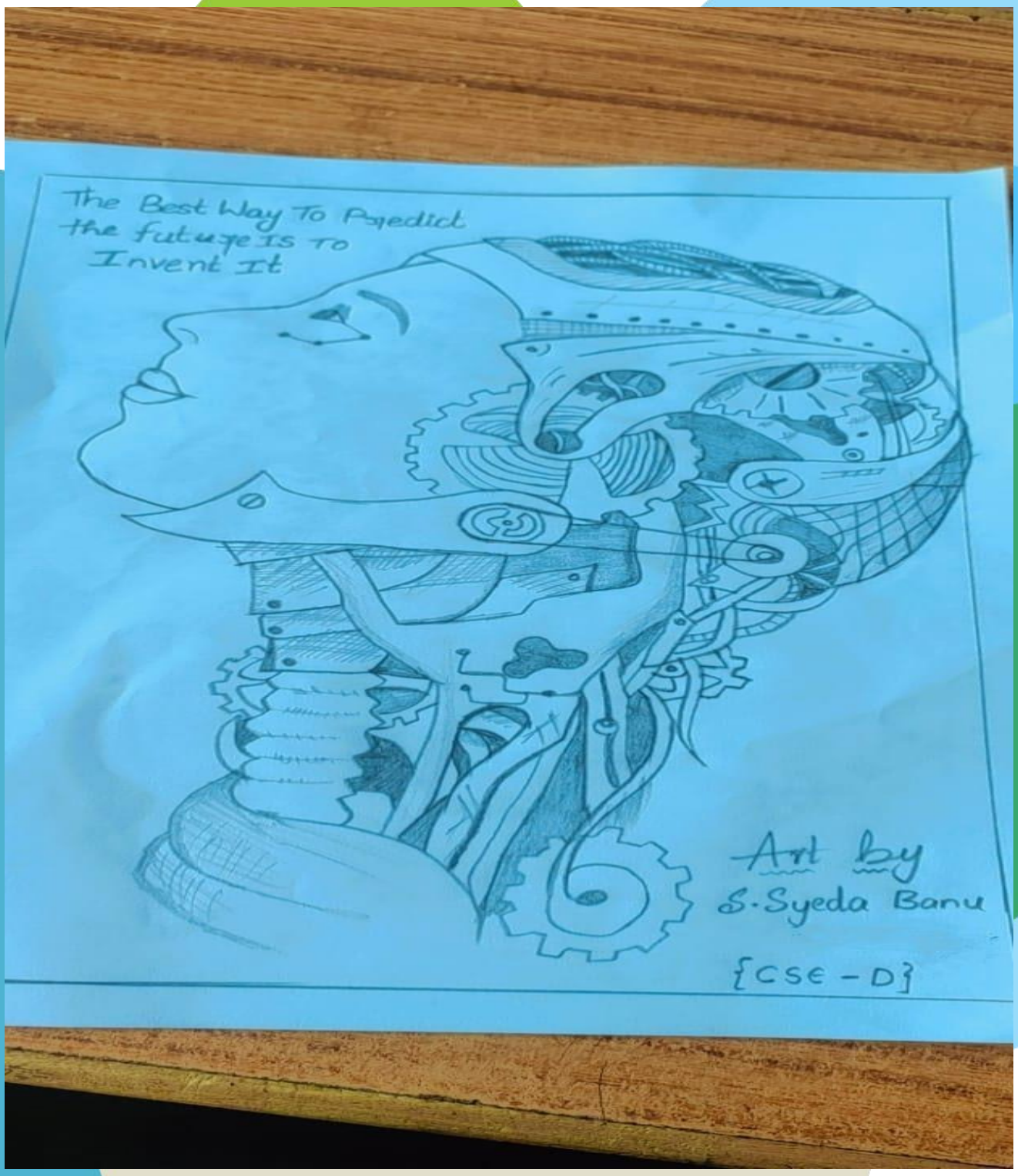

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