

An Alumni Guest Lecture
“Opportunities in Java Backend Software for Mechanical Engineers”
Organised by Department of Mechanical Engineering
16.01.2025



Report Submitted by: Mr. Muthulakshmanan, Assistant Professor, Department of Mechanical Engineering.
Resource Person Details: Mr. Shaif Jakaula, Java Developer, Renault Private Limited, Chennai.
Venue: KK009
Mode of Conduct: Offline
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Introduction:

The Department of Mechanical Engineering organized an enlightening alumni guest lecture on 16th January 2025 at 12:00 PM in KK Block Room 009. The event featured **Mr. Shaif Jakaula**, an esteemed alumnus, who delivered an engaging talk on **“Opportunities in Java Backend Software for Mechanical Engineers.”** The session aimed to address common queries about transitioning into the software domain, specifically Java backend development, for students with a mechanical engineering background. The lecture was attended by third year mechanical students and faculty members, highlighting the growing interest in interdisciplinary opportunities among mechanical engineers.

Welcome and Acknowledgments:

The event began with a warm welcome extended by the Alumni Coordinator, Mr. Muthulakshmanan. He emphasized the significance of alumni interactions in inspiring and guiding students toward diverse career paths. Faculty members Dr. Veersalingam and Dr. Jagesh also took the opportunity to appreciate the efforts of Mr. Shaif Jakaula in bridging the gap between the core mechanical domain and the expanding opportunities in the software field. Their words underscored the importance of embracing technology and leveraging cross-disciplinary skills to remain competitive in today’s job market.

Keynote Session by Mr. Shaif Jakaula

Mr. Shaif Jakaula, who is working as **JAVA DEVELOPER IN RENAULT PRIVATE LIMITED, CHENNAI** drawing from his vast industry experience, delivered an insightful session that resonated with the audience. His lecture focused on the growing demand for backend developers and how mechanical engineers can tap into these opportunities.

Key Highlights of the Talk:

Overview of Java Backend Development:

Mr. Jakaula explained the fundamentals of backend software development and the critical role Java plays in creating robust and scalable applications. He highlighted the industries where backend development is in demand, including manufacturing software, automation tools, and e-commerce.

Interactive Q&A Session:

The session was followed by an interactive Q&A segment where students had the opportunity to clarify their doubts. Mr. Jakaula provided detailed and encouraging responses, urging students to leverage their analytical abilities and be open to continuous learning.

Conclusion:

The event concluded with a vote of thanks delivered by Mr. Muthulakshmanan, who expressed gratitude to Mr. Shaif Jakaulla for sharing his valuable insights and experiences. He also thanked the faculty and students for their enthusiastic participation, making the session a great success.

Impact and Feedback:

The lecture was highly appreciated by students and faculty alike. Attendees remarked on how the session broadened their perspective on career opportunities outside traditional mechanical roles. The event served as a motivational platform, inspiring students to explore interdisciplinary fields and acquire new skills. Such initiatives reflect the department's commitment to equipping students with the knowledge and resources needed to excel in a rapidly evolving professional landscape.

Takeaways from the Event:

1. **Insightful Guidance:** Students learned about the growing opportunities for mechanical engineers in Java backend software development.
2. **Career Direction:** The session clarified doubts regarding skill-building and career transitions.
3. **Motivation:** The event inspired students to explore interdisciplinary fields and embrace continuous learning.