Techcider Session on Java Web Development

Keeping in mind the needs of the final year students and the inclinations of the junior batches, the Techcider Club organized a session on Java and Web Development on the 30th of September as one half of the Placement Preparatory Series. The first workshop of the event got postponed due to the declaration of a holiday on the 29th of September.

As this was the first event conducted by the club during this year, it was opened with an address by the Head and Cohead of Techcider, Shreyas Baikar and Mahek Mushrif respectively. They spoke about the role of a tech-oriented community inside the college, as well as the great importance that web development has in today's software atmosphere. They then proceeded to introduce the guest speaker for the event, Mr. Rakesh Ramesh Shelar, senior technical architect at NEC Software Solutions. He has 17 years of experience in working in DevOps and with Java. He has worked in public service and finance and publication domains previously. He specializes in working with Java Enterprise Edition and DevOps automation.

The start of the workshop had a minor delay due to prerequisites being installed onto the systems of the students, as well as some technical issues. Once the event started though, Mr. Shelar went about introducing his work, as well as the scope of the concepts that he would be elaborating on in the due course of the session.

Sir first started out explaining the different kinds of Java applications, namely standard applications, web applications, and swing applications. He then introduced the platforms that we would be working on for the day, Eclipse IDE as the Java development environment, Apache Tomcat as the static web server, and PostGreSQL as the database environment. Sir thoroughly explained the different layers of a web application, them being the user interface, service layer, and backend. Through the better part of two hours, Mr. Shelar introduced and slowly built up the concepts of hypertext transfer protocol, servlets and CRUD operations(Create, Retrieve, Update and Delete). He also walked the students through the creation of a web application from the ground up, including the Java backend, database connectivity, and server requests. All this while, he kept the students on their toes with questions they might get asked during placement interviews and technical rounds. It was safe to say that he effectively captured the attention of the audience for the duration of the workshop.

Navi Mumbai, Maharashtra, India
337H+Q53, Sector 32, Kharghar, Navi Mumbai, Maharashtra 410210, India
Lat 19.06434°
Long 73.078052°
30/09/23 01:31 PM GMT +05:30

The workshop itself was concluded with an open ended question and answer session, where Mr. Shelar answered students' queries, both pertaining to the content of the session, as well as DevOps and web development in general. The students definitely left the workshop with a working understanding of the process of hosting a web application and multi-platform connectivity.

-Vikrant Arora