Charan Sai Ande

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Education

Indian Institute Of Technology Bhubaneshwar	July 2019 – May 2023
Bachelor of Technology in Electronics and Communication Engineering	*CGPA: 8.45*
FIITJEE	2016-2018
CBSE	*PERCENTAGE: 90.8*

Technical Skills

Languages: Java, C/C++, JavaScript
Frameworks: Spring Boot, Spring, EclipseStore, JUnit, Mockito, Flutter
Databases: MongoDb, PostgresSQL, S3
Tools: Grafana, Maven, Gradle, Postman, Git, IntelliJ, Eclipse

Experience

Brane Enterprises, Bengaluru
Software Development Engineer
May 2023 – Present

- Designed and implemented version compare for different workflows in No code, Low code platform and quickly identify the differences via visual indicators.
- Designed and implemented different versioning strategies for different bets.
- Done POC on EclipseStore and integrated it, which enabled Java-native object graph persistence decreasing query response time by 10%, and ensured preventing simultaneous access to the storage.
- Implemented monitoring metrics in Grafana by capturing key metrics in microservices with Prometheus data source for enhanced observability and performance tracking, which reduced operational costs by 10%.
- Transitioned service build tool from Maven to Gradle, improving build efficiency and flexibility.
- Implemented Version Catalog, which enabled sharing of dependency and version configurations between modules and projects.
- Consolidated multiple services into a single repository by implementing a Mono-repo, enabling composite builds, and streamlining build processes by reducing build times by 25%, and enhancing overall development efficiency.
- Played a crucial role in upgrading platform services from Swagger to OpenAPI 3.0, enhancing API documentation standards.

Projects

Job Portal Web Application | *SpringBoot, Thymeleaf, MySQL*
June 2024 – Present

- Developed a comprehensive job portal using Spring Boot, Spring MVC, and Spring Security for robust and secure application architecture.
- Implemented Hibernate/JPA for seamless ORM (Object-Relational Mapping) with a MySQL database, ensuring efficient data management and retrieval.
- Created dual registration functionality for Job Candidates and Recruiters, providing tailored user experiences and functionalities.
- Enabled Recruiters to post, edit, and delete job applications, as well as download resumes of applicants for specific job postings.
- Facilitated Job Candidates to search for jobs based on keywords and apply for positions directly through the portal, enhancing user engagement and job-matching efficiency.

Achievements

- Ranked in the top 0.5% in JEE-Advanced
- Scored 99.3 percentile in JEE-Mains