DIVYANSHU DARSHAN

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Professional Summary

Backend-focused Software Engineer with 2+ years of experience in designing scalable enterprise applications using Java, Spring Boot, and RESTful APIs. Proficient in microservices architecture, test-driven development, and CI/CD pipeline automation using Jenkins and Azure DevOps. Experienced in cloud-native deployments and working with Agile teams across global locations. Familiar with frontend development using React.js and building secure, modular applications in a distributed environment.

Experience

Capgemini **February 2023 – Present**
Software Engineer *Banaglore, India*
Skills : Java, Spring Boot, MySQL, REST, JPA, Azure DevOps

- Built scalable REST APIs using Spring Boot and MySQL, powering features.
- Reduced API latency by 30% by optimizing database queries using Hibernate JPA.
- Migrated monolithic codebases to microservices architecture, improving release cycles and scalability.
- Collaborated across cross-functional teams in Agile sprints to ship new features and resolve production bugs efficiently.
- Implemented CI/CD pipelines via Azure DevOps, reducing deployment time by 20%.
- Collaborated with frontend (React) and QA teams in Agile sprints.

Projects

E-Commerce Website | *Spring Boot,React JS, MySQL*

- Developed a full-featured eCommerce website using Spring Boot and MySQL, implementing RESTful APIs for product management and order processing.
- reated a user-friendly frontend with [Frontend Framework] (e.g., React) for seamless shopping experiences, including product listings and checkout.
- Utilized JPA for data handling and applied dependency injection for maintainability.
- Conducted unit and integration testing with JUnit and Mockito to ensure functionality.

Social Networking Website | *HTML, Canvas, CSS, Bootstrap, React JS*

- Created a Facebook-like clone using React.js, showcasing strong proficiency in front-end web development. This project aimed to replicate key features of the popular social media platform, emphasizing a responsive and interactive user interface.
- Implemented Dynamic News feed,user authentication, real time updates, responsive design

Customer Analytics using Poisson Distribution | *NumPy, Matplotlib, and SciPy*

- Analyzed customer arrival patterns utilizing Python libraries, generating over 500 data points that informed operational strategies; findings contributed to refining service offerings and enhancing overall customer satisfaction ratings.
- Designed and implemented a simulation model using the Poisson distribution to predict customer arrivals over a 24-hour period.
- Conducted exploratory data analysis to understand the distribution of customer arrivals and calculated key statistics such as mean arrivals per hour and standard deviation.

Education

Loknayak Jai Prakash Institute Of Technology **August 2018 - August 2022**
Bachelor of Technology in Computer Science and Engineering(CGPA of 7.97) *Chhapra, Bihar, India*

Achievements

- **500+** coding questions on various coding platform including leetcode, geeksforgeeks etc.
- **5 star** on Hackerrank.

Technical Skills

Languages: Java, C++, SQL
Backend: Spring Boot, JPA, REST, Hibernate
Frontend: React.js, HTML, CSS, Bootstrap
Tools: Git, GitHub, Docker, Azure DevOps, Postman
Testing: JUnit, Mockito
Tools: IntelliJ, VS Code, Git Bash, Chrome DevTools
Core: OOP, Microservices, System Design, DSA, SDLC, Agile Scrum, JWT Auth, Kafka (Basics)