Akash Choudhary

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Profile Summary

Full Stack Java Developer with 2.8+ years of hands-on experience architecting and building scalable, high-performance web applications to address complex business challenges. Skilled in **Java, Spring Boot, RESTful APIs, GraphQL, MongoDB, and Redis** for efficient data management and caching. Experienced in designing robust **CI/CD pipeline**s for streamlined integration, **automated testing**, and reliable deployments, alongside writing comprehensive **JUnit** and integration test cases.

On the frontend, adept at developing reusable, responsive components using **React.js, Context API, Redux, Apollo Client, and modern tools such as Vite, Material-UI, and Ant Design.** Proficient in API integration, state management, and performance optimization. Collaborative and detail-oriented, passionate about **clean code, scalability,** and delivering high-quality solutions in **agile**, cross-functional team environments.

Certification

- Oracle Certified Associate, Java SE 8 programmer
- Post Graduate Program in Full Stack Engineering

Skills

- **Programming Languages:** Java, JavaScript (ECMA6+), TypeScript, HTML5, CSS3
- **Frameworks:** Springboot, React.js
- **Build Tools:** Vite, Parcel, and Maven
- **UI-Testing:** Jest, React Testing Library
- **Frontend Libraries:** Material-UI, Ant Library, Apollo Client, Redux-toolkit
- **API Development:** GraphQL, RESTful APIs
- **Version Control**: Git, GitHub/Bitbucket
- **Internationalization:** i18next
- **Project Management:** Agile, Scrum, Jira

Work History

Software Engineer | Plevenn Technologies - Hyderabad, India   - February 2023 to Present
Roles And Responsibilities:

- I have experience working in a fast-paced environment, collaborating closely with team members to deliver solutions aligned with dynamic business requirements.
- Demonstrated adaptability and teamwork while meeting tight deadlines and rapidly evolving project goals.
- Proactively communicated and coordinated with cross-disciplinary teams to ensure timely and high-quality delivery of business-critical features.
- Collaborated with product managers, designers, and other developers to deliver high-quality software solutions.
- Actively participated in daily stand-ups, **sprint planning, and retrospectives** to deliver features and resolve blockers efficiently within cross-functional Agile teams.
- Developed and maintained scalable features for **SaaS product**, ensuring high availability and performance for multi-tenant environments.

Frontend Experience:

- Developed clean, reusable components to ensure consistent UI and efficient code structure.
- Executed standard software solutions, design, development, and technical troubleshooting.
- Developed clean, reusable React components and custom **HOCs** for maintainable UI architecture.
- Integrated **Apollo Client** for managing GraphQL API interactions efficiently.
- Improved the application's user interface using Material-UI, ensuring a **responsive** and modern design.
- Implemented i**nternationalization** (i18n) to support multi-language capabilities across the application, enhancing user accessibility and global usability.
- Wrote and maintained unit tests for React components using **Jest** and **React Testing Library** to ensure UI stability.
- Integrated and customized **MUI DataGrid** in the application to efficiently display, filter, and sort large datasets, enhancing user experience with advanced table features and responsive design.

Backend Experience:

- Designed and implemented scalable **microservices architectures** using **Spring Boot**, enabling independent deployment.
- Successfully implemented Layered Architecture and other design patterns like **Singleton and Factory** to ensure the application is modular, scalable, and maintainable.
- Implemented non-blocking, event-driven microservices architectures with **Spring Boot WebFlux**, improving application responsiveness and resource utilization.
- Designed and developed optimized **GraphQL** and **RESTful** APIs for various application modules.
- Utilized MongoDB for flexible schema design and efficient data retrieval using **aggregation pipelines and custom queries.**
- Ensured secure access and data protection in microservices by implementing **JWT** (JSON Web Token) for token-based **authentication** and **authorization**, enabling stateless, and scalable.
- Integrated **Redis** as an in-memory cache to store frequently accessed data, significantly reducing database load and improving application **response times** and **scalability**.
- Resolved **high-priority bugs** and production issues to ensure seamless customer experience and application stability.
- Developed a **Pagination** GraphQL API to efficiently handle large data sets, enabling optimized data fetching and seamless client-side navigation with improved performance and reduced load times.
- Used Postman for **performance testing** for APIs.

Education

National Institute Of Information Technology (March 2022 - September 2022)

Full Stack Software Engineering

MIET, Meerut (July 2016 - July 2020)

Bachelor of Engineering with CGPA: 7.51