Muralidhara Bhat KS

📞 +91 9844083281   ✉ ksmuralidhara0@gmail.com   in linkedin.com/ksmuralidhara0   ⌂ github.com/SlenderShield

Technical Skills

Languages: Java (Core, Concurrency, Collections), C++, JavaScript
Backend: Spring Boot (MVC, Data, Security, Actuator), Spring Cloud, RESTful APIs, Microservices Architecture
Frontend : React.js, Redux, TailwindCSS
Databases: MySQL, MongoDB, SQLite3, Redis, JDBC, Hibernate/JPA
DevOps & Cloud: Docker, Kubernetes, AWS (EC2, S3, RDS, Lambda), Jenkins, CI/CD Pipelines
Messaging & Streaming: Kafka, RabbitMQ, ActiveMQ
Version Control: Git, GitHub, Bitbucket
Testing & Build Tools: JUnit, Mockito, Maven

Experience

Bosch Global Software Technologies   Jan 2023 – Present
Software Engineer   *Bengaluru, India*

- Developed and deployed scalable **RESTful APIs** using **Java Spring Boot**, processing **over 100,000 requests per day** and enabling real-time analytics data transmission for connected vehicle solutions, **reducing data latency by 15%.**
- Engineered a high-throughput data archival service, automating the synchronization and archiving of **over 200GB of vehicle data** from **MongoDB** to **AWS S3**, **reducing storage costs by 12%** and improving data accessibility for analytics.
- Conducted thorough peer code reviews, identifying and resolving **over 3 critical performance bottlenecks and security vulnerabilities**, ensuring adherence to coding standards and enhancing overall software quality.
- Provided technical mentorship to **4 junior developers**, accelerating their onboarding process and contributing to a **10% increase in team productivity** through knowledge sharing and collaborative problem-solving.
- Implemented robust unit and integration tests using **JUnit** and **Mockito**, achieving **over 75% code coverage** and significantly improving software reliability and reducing regression issues.
- Collaborated with cross-functional teams, including product managers and QA engineers, to define requirements, refine specifications, and ensure successful product releases, contributing to **on-time delivery of 3 major product releases**.
- Utilized **Git** for version control, implementing effective branching strategies, and managed code merges, facilitating seamless collaboration within the development team and maintaining code integrity.
- Participated in **Agile/Scrum** ceremonies, including sprint planning, daily stand-ups, and retrospectives, contributing to iterative development and continuous process improvement.

Capgemini   Apr 2022 - Aug 2022
Full-Stack Web Development Intern (E-commerce Platform)   *Bangalore, Karnataka*

- Developed front-end components in a **React-based** web application, focusing on seamless integration with backend **APIs**, including the development of a dynamic product display feature. Demonstrated proficiency in **JavaScript**, **React.js**, and implementing responsive UI designs.
- Gained practical experience with **RESTful API** integrations, including data fetching and state management for user authentication and product catalog APIs, laying the foundation for **full-stack development**.
- Utilized **Git** and **GitHub** for version control, implementing feature branching and pull request workflows, and **Jira** for agile project management, participating in sprint planning and daily stand-ups.
- Collaborated with backend developers to understand **API specifications** and data models, fostering a comprehensive understanding of **full-stack application architecture** and troubleshooting data inconsistencies between front-end and back-end.
- Participated in code reviews and debugging sessions, enhancing problem-solving skills by resolving issues related to API data rendering and improving front-end performance.

Projects

MediConnect | *React.js, Java, Spring Boot, Kafka, Grafana, Docker, Kubernetes*

- Developed a **microservices-based healthcare system** using **Spring Boot**, **Kafka**, and **React.js**, enabling patients to manage appointments and medical records.

- Implemented scalable **RESTful APIs** for appointment scheduling, authentication, and notifications, leveraging **event-driven architecture** with **Kafka**.
- Integrated **Grafana** for real-time monitoring and secured APIs with **JWT authentication** and **role-based access control**.
- Deployed and orchestrated microservices with **Docker** and **Kubernetes**, ensuring **high availability** and **fault tolerance**.

Akre Real Estate | *React.js, Redux, Tailwind*
- Developed a responsive real estate web application frontend React.js, leveraging **Redux** for state management.
- Integrated Google Maps and enhanced user experience through interactive map functionalities, styled the web pages using **Tailwind CSS**.
- Optimized application performance, achieving a 20% improvement in page load times through code splitting, while maintaining efficient **Redux state updates**.
- Designed and implemented key features such as property search with filtering, enhancing user experience and utilizing **Redux for centralized data handling**.
- Utilized Git with Agile methodologies for frontend development, employing **Tailwind's utility-first approach** for rapid UI iteration.

Education

Government Engineering College   June 2022
B.E. Computer Science   *Kushalnagar, Karnataka*
- CGPA: 8.7/10.0
- Relevant Coursework: Data Structures & Algorithms,Programming Languages (C++, Java, Python), Full-Stack Web Development
- Extracurriculars: Moderator, Google Developer Club; Completed Google Cloud Quest