

Muralidhara Bhat KS

☎ +91 9844083281 ✉ ksmuralidhara0@gmail.com 🔗 [linkedin.com/ksmuralidhara0](https://www.linkedin.com/ksmuralidhara0) 📄 github.com/SlenderShield

Summary

Results-driven Software Engineer with 2+ years of experience in designing, developing, and deploying scalable web applications. Proficient in Java, Spring Boot, JavaScript, React, Redux, with expertise in Git, GitHub, CI/CD, MySQL, and system design.

Technical Skills

Languages: Java (Core, Concurrency, Collections), C++, JavaScript, TypeScript
Backend: Spring Boot (REST, 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 **100,000+ requests/day** to enable real-time analytics for connected vehicle solutions, **reducing data latency by 15%**.
- Engineered a high-throughput data archival service, automating synchronization of **200GB+ vehicle data** from **MongoDB to AWS S3**, **reducing storage costs by 12%** and improving data accessibility.
- Conducted comprehensive peer code reviews, identifying and resolving **3+ critical performance bottlenecks and security issues**, ensuring adherence to coding standards and software quality.
- Implemented effective **Git branching strategies** and managed code merges, facilitating seamless collaboration and maintaining code integrity.
- Developed a robust **microservices architecture**, improving system scalability and enabling independent deployment of key services.
- Integrated **Kafka-based event-driven architecture**, ensuring reliable and efficient communication between distributed services.
- Optimized database queries, reducing execution time by **30%**, enhancing overall application performance and reducing system load.

Capgemini

Apr 2022 – Aug 2022

Full-Stack Web Development Intern

Bangalore, India

- Developed dynamic **React-based UI components**, ensuring seamless backend API integration and responsive designs.
- Implemented **RESTful API** integrations for authentication and product catalog management, strengthening **full-stack development** skills.
- Used **Git** and **GitHub** for version control, applying feature branching and pull request workflows; utilized **Jira** for agile project management.
- Collaborated with backend teams to align on **API specifications** and troubleshoot data inconsistencies, improving full-stack architecture understanding.
- Implemented **Redux for state management**, improving data handling and performance in a dynamic e-commerce environment.
- Enhanced security by integrating **OAuth-based authentication**, ensuring safe user access and data protection.

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**.
- 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

B.E. Computer Science

June 2022

Kushalnagar, Karnataka

- CGPA: 7.4/10.0
- Relevant Coursework: Data Structures & Algorithms, Programming Languages (C++, Java, Python), Full-Stack Web Development
- Extracurriculars: Moderator, Google Developer Club; Completed Google Cloud Quest