

PROFESSIONAL PROFILE

- **Java Full Stack Developer with around 4 years of experience** in designing, developing, and deploying **scalable web applications** and enterprise solutions using **Java, Spring Boot, React.js, Angular, and Microservices** in Agile environments.
- **Proficient in backend and frontend development**, with expertise in **RESTful APIs, GraphQL, SQL & NoSQL databases (MySQL, PostgreSQL, MongoDB)**, and **UI frameworks like Bootstrap and Material-UI** to build dynamic, responsive applications.
- **Skilled in DevOps and cloud technologies**, leveraging **AWS (EC2, S3, Lambda), Azure, and Docker/Kubernetes** to optimize deployment, enhance security, and ensure high availability of applications.
- **Strong foundation in data structures, algorithms, and performance optimization**, applying **multi-threading, caching strategies, and load balancing** to improve system efficiency and scalability.
- **Expertise in full-stack development, microservices architecture, API integrations, and database management**, ensuring **high-performance, secure, and maintainable software solutions**.

SKILLS

Programming & Frameworks: Java, Spring Boot, Spring MVC, Hibernate, JPA, Java EE, Microservices Architecture, RESTful APIs

Web Development & Frontend: JavaScript, TypeScript, React.js, Angular, JSP, Servlets

Cloud & DevOps: AWS (EC2, S3, Lambda, RDS), GCP (Cloud Functions, Firebase), Docker, Kubernetes, Terraform, CI/CD

Databases & Data Management: MySQL, PostgreSQL, Oracle, MongoDB, Redis, JDBC, JPA, Hibernate Query Language (HQL)

Software Development & Tools: Git, GitHub, GitLab, Maven, Gradle, IntelliJ IDEA, Eclipse, VS Code

Security & API Management: OAuth2, JWT, Role-Based Access Control (RBAC), API Gateway, Postman, Swagger

Testing & Performance Optimization: JUnit, Mockito, Selenium, Load Testing, Memory Profiling, JVM Optimization

Agile & Collaboration: Agile (Scrum/Kanban), JIRA, Confluence, Code Reviews, Peer Programming

PROFESSIONAL EXPERIENCE

Full Stack Developer, IBM

Jan 2024 – Present | Remote, USA

- **Designed and deployed high-performance, cloud-native applications** on **AWS and Azure**, leveraging **serverless computing (AWS Lambda) and containerization (Docker, Kubernetes)** to **reduce infrastructure costs by 20%** while improving scalability.
- **Enhanced API security and authentication** using **OAuth 2.0, JWT, and API Gateway**, implementing **role-based access controls (RBAC)** to safeguard **100,000+ daily transactions** from unauthorized access and potential cyber threats.
- **Refactored** legacy monolithic applications into **microservices architecture**, using **Spring Cloud, Eureka, and API gateways**, boosting application scalability by **35%** and reducing deployment risks through modularized development.
- **Implemented component-based architecture and state management** using **React.js, Redux, and Context API**, optimizing rendering efficiency and reducing unnecessary re-renders, improving UI responsiveness by **30%** and enhancing user experience.
- **Integrated centralized logging, monitoring, and alerting solutions** using **Spring Boot Actuator, ELK Stack (Elasticsearch, Logstash, Kibana), and Prometheus**, improving system observability, reducing downtime, and accelerating issue resolution.
- **Championed** Agile best practices, facilitating **daily stand-ups, sprint planning, and retrospective meetings**, increasing team productivity by **25%**, and ensuring efficient collaboration between **developers, product owners, and QA engineers**.

Full Stack Developer, HCLTech

Sep 2019 – Jul 2022 | India

- **Engineered** and deployed scalable, microservices-based applications using **Java, Spring Boot, and Hibernate**, optimizing system response time by **30%** and improving fault tolerance through **circuit breaker patterns**.
- **Developed** and optimized **RESTful APIs**, handling **10,000+ daily requests**, improving data transfer efficiency and enabling seamless cross-platform integration between **frontend, mobile apps, and third-party services**.
- **Optimized front-end performance** by implementing **lazy loading, code-splitting, and virtual DOM** in **React.js and Angular**, reducing page load time by **40%** and enhancing real-time user interactions.
- **Constructed** and maintained relational databases (**PostgreSQL, MySQL**), optimizing complex queries using **stored procedures, Indexing, and partitioning**, leading to a **40% improvement in data retrieval efficiency**.
- **Automated** CI/CD pipelines using **Jenkins, Docker, and Kubernetes**, reducing deployment time by **50%** and minimizing manual intervention, ensuring faster, error-free software releases.
- **Conducted** comprehensive **unit and integration testing** using **JUnit, Mockito, and Postman**, achieving a **35% increase in defect detection rates** and enhancing software reliability.
- **Led** a team of **5 developers**, mentoring junior engineers, conducting peer code reviews, and driving Agile-based sprint planning to ensure timely delivery of high-quality software.

EDUCATION

George Mason University

Master of Science in Computer Science

Aug 2022 – May 2024 | Fairfax, VA

GokaRaju RangaRaju Institute of Technology

Bachelor of Technology in Computer Science

Jul 2016 – Sep 2020 | Hyderabad, India

CERTIFICATIONS

Microsoft Certified Azure Fundamentals.

Java Automated API Testing with REST Assured

JavaScript profession Certificate by Mozilla

Database Design and DataBase Programming by Oracle academy