

VRAJ SHAH

 +9029941436  shahvraj2016@gmail.com  linkedin.com/in/vraj-shah  github.com/shah-vraj  portfolio  Blog

Technical Skills

Programming Languages: Kotlin, Java, Go, JavaScript, TypeScript, Python, SQL, C#

Backend Development: Node.js, Spring Boot, RESTful APIs, Microservices, GoLang

Cloud & DevOps: AWS (S3, Lambda, Route53, IAM), Docker, Kubernetes, CI/CD (Jenkins, GitHub Actions, GitLab CI), Azure DevOps

Web Development: ReactJS, Angular, HTML5, CSS3, TailwindCSS, ASP.NET

Database Management: MS SQL Server, MySQL, Firebase Firestore

Monitoring & Logging: Splunk, New Relic, CloudWatch

Software Development Practices: JIRA, Agile (Scrum), Test-Driven Development (TDD)

Soft skills: Strong communication, Problem solving, Teamwork and collaboration, Adaptability, Attention to detail, Critical thinking, Time management, Ability to learn continuously

Work Experience

Simform Solutions

Dec 2021 - Nov 2023

Software Engineer

Ahmedabad, India

- **Developed scalable backend solutions** using Java and Spring Boot, **increasing application performance by 40%**, resulting in an enhanced user experience and faster load times.
- **Designed and implemented reusable components** and clean architecture principles, **expediting feature rollouts by 30%**, which reduced development cycles and improved maintainability.
- **Optimized SQL and MongoDB queries**, leading to faster and more accurate data retrieval, which significantly improved data integrity and application response times.
- **Automated CI/CD pipelines** using Jenkins and GitLab, **reducing deployment issues by 25%**, ensuring consistent build and deployment processes across the development team.
- **Conducted comprehensive code reviews** and enforced coding best practices, increasing code maintainability and **reducing code-related issues by 75%**, leading to a more efficient development workflow.
- **Collaborated with cross-functional teams** in an Agile environment, streamlining bug fixes and new feature releases, which significantly improved product delivery timelines and software stability.

Education

Dalhousie University

Jan 2024 - Sep 2025

Master of Applied Computer Science (Co-op Candidate) | GPA: 4.07/4.3

Halifax, Canada

Charusat University

Jun 2018 - Apr 2022

Bachelor of Computer Engineering | GPA: 8.7/10

Gujarat, India

Projects

ServiceHub | *Source Code*

ReactJS | Spring Boot (JAVA) | MySQL

- **Designed and built a scalable web application** for service providers and requesters, integrating e-signed contracts and feedback systems, **resulting in a 20% increase in user engagement** by enhancing user trust and interaction flow.
- **Applied Object-Oriented Programming principles** (e.g., classes, objects, inheritance) to design modular and reusable code for the backend, ensuring maintainability and scalability.
- **Architected backend using Java Spring Boot and integrated it with a ReactJS frontend**, achieving **99.9% uptime** and enabling seamless real-time interactions among over 1,000 active users.

K8s Microservices | *Source Code*

Spring Boot (Kotlin) | Kubernetes | Docker | CloudBuild

- **Implemented Kubernetes-based microservices architecture**, creating a highly available system with two Spring Boot containers, **ensuring secure communication and fault tolerance between services**.
- **Deployed microservices using Kubernetes** and automated deployment processes with **CloudBuild**, **improving deployment speed and scalability by 40%**.
- **Worked with Docker containers** to facilitate easy application deployment, **increasing the speed of testing and production cycles** while ensuring a consistent environment across development and production.