Vraj Shah

📞 +19029941436 ✉ shahvraj2016@gmail.com 💼 linkedin.com/in/vraj-shah 🐙 github.com/shah-vraj 💼 portfolio 📓 Blog

Professional Summary

Passionate software developer with 2 years of experience designing, developing, and deploying secure, scalable technical solutions. Adept in full-stack development using Kotlin, Java, Swift, and ReactJS. Proven ability to collaborate in agile environments, debug complex systems, and implement robust testing procedures. Committed to continuous learning and delivering business-driven solutions while leveraging cloud and DevOps technologies.

Education

Dalhousie University — Jan 2024 - Sep 2025
*Master of Applied Computer Science — **GPA: 4.07/4.3*** — Halifax, Canada

Charusat University — Jun 2018 - Apr 2022
*Bachelor of Computer Engineering — **GPA: 8.7/10*** — Gujarat, India

Work Experience

Simform Solutions — Dec 2021 - Nov 2023
Software Engineer — Ahmedabad, India

- **Full-Stack Development**: Designed and implemented complete software solutions from concept to production, delivering customer-facing mobile and web applications with a 40% performance boost through optimized code structures.
- **System Design & DevOps**: Contributed to system architecture discussions and implemented scalable, fault-tolerant backend services using Spring Boot and Kubernetes.
- **CI/CD & Automation**: Automated build and deployment processes using Docker, Kubernetes, and CloudBuild, reducing configuration time by 30%.
- **Problem Diagnosis**: Investigated and resolved production defects by analyzing field logs and simulating failure scenarios, reducing issue resolution turnaround by 30%.
- **Testing & Debugging**: Implemented comprehensive testing strategies to ensure high system availability and reduce deployment failures by 25%.
- **Leadership & Code Reviews**: Led code reviews, promoted best coding practices, and encouraged knowledge sharing, reducing technical debt by 40%.

Projects

ServiceHub | *Source Code* — **ReactJS | Spring Boot (JAVA) | MySQL**

- Developed a scalable web application connecting service providers and requesters, achieving a 20% increase in user engagement through secure and scalable contract management system and streamlined service workflows.
- Architected a robust backend using Spring Boot, optimizing data workflows with MySQL achieving 99.9% uptime while facilitating real-time interactions and caching strategies to enhance application performance by 30%

K8s Microservices | *Source Code* — **Spring Boot (Kotlin) | Kubernetes | Docker | CloudBuild**

- Implemented a Kubernetes-based microservices architecture with two Spring Boot containers, enabling seamless communication between public-facing and internal services.
- Configured a Kubernetes-based microservices architecture, ensuring high availability and automated deployments, reducing configuration time by 30% through Docker and Kubernetes.

Technical Skills

Programming: Kotlin, Java, Swift, Python, C++, C#, JavaScript, Go, C

Frontend Technologies: ReactJS, HTML, CSS, Bootstrap, TailwindCSS

Backend Technologies: Spring Boot (Java/Kotlin), Node.js, RESTful APIs, Redis, ElasticSearch

Cloud & DevOps: AWS, Google Cloud Platform (GCP), Docker, Kubernetes, CloudBuild, CI/CD Pipelines

Databases: MySQL, MongoDB, DynamoDB, Redis, ElasticSearch, Room, Realm

Version Control & Collaboration: Git (GitHub, GitLab, Bitbucket), JIRA, ZOHO

Programming Fundamentals: Data Structures and Algorithms, Multi-threading, Test-driven Development

Soft Skills: Strong communication, Problem-solving, Code reviews, Agile development, Team collaboration, Defect analysis, Quick learner