

# VRAJ SHAH

☎ (902) 994-1436 ✉ shahvraj2016@gmail.com 🔗 [linkedin.com/in/vraj-shah](https://www.linkedin.com/in/vraj-shah) 🐙 [github.com/shah-vraj](https://github.com/shah-vraj) 📁 [portfolio](#) 📝 [Blog](#)

## Professional Summary

Highly motivated Software Engineer with 2 years of professional experience in designing and developing scalable SaaS-based Android and iOS applications using modern development frameworks and secure coding principles. Proficient in cloud-native backend technologies, frontend development, and collaborative software delivery. Passionate about contributing to high-quality software solutions that address real-world challenges.

## Education

### Dalhousie University

Master of Applied Computer Science — GPA: 4.07/4.3

Jan 2024 - Sep 2025

Halifax, Canada

### Charusat University

Bachelor of Computer Engineering — GPA: 8.7/10

Jun 2018 - Apr 2022

Gujarat, India

## Work Experience

### Simform Solutions

Dec 2021 - Nov 2023

Software Engineer | Mobile Application Developer

Ahmedabad, India

- Designed and delivered scalable Android and iOS mobile applications for customer engagement and enterprise systems, achieving a 40% performance boost through optimized code structures and adherence to SDLC best practices.
- Collaborated on building and scaling SaaS products by developing robust backend services using Spring Boot and integrating MySQL, Redis, and cloud-based caching solutions to support real-time synchronization for over 1,000 active users.
- Implemented MVVM and Clean Architecture patterns, improving project scalability and maintainability by 30%, ensuring efficient feature rollouts.
- Streamlined development cycles by 30% through the creation of 10+ reusable components and contributions to open-source Java/Kotlin libraries.
- Enhanced app functionality and boosted user engagement metrics by 25% by integrating 5+ third-party SDKs and APIs (e.g., Stripe, PayPal, IoT SDKs).
- Led code reviews and contributed to collaborative development practices that reduced technical debt by 40%.
- Reduced app crash rates by 35% with Firebase Crashlytics, improving app-store ratings and user retention through rigorous testing and debugging strategies.

## 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 contract management and streamlined service workflows.
- Architected a robust backend using Java Spring Boot and integrating with ReactJS, achieving 99.9% uptime while facilitating real-time interactions.
- Optimized data workflows using MySQL 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 Kubernetes deployments, services, and ingress rules to ensure scalability, secure communication, and fault tolerance. Utilized Docker for containerization and automated deployments, reducing manual configuration efforts.

## Technical Skills

**Programming languages:** C, C++, Java, Kotlin, Swift, JavaScript, Python

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

**Backend Technologies:** Spring Boot (Java/Kotlin), Node.js, RESTful APIs, Redis, Elasticsearch, Ruby on Rails

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

**Databases:** SQLite, MySQL, MongoDB, DynamoDB, Redis, Elasticsearch, Room, Realm

**Version Control & Collaboration:** Git (GitHub, GitLab, BitBucket, Azure), JIRA, ZOHO

**Programming Fundamentals:** Data Structures and Algorithms (DSA), Multi-threading, Coroutines

**Soft Skills:** Collaboration, Effective communication, Problem solving, Code reviews, Agile development