

VRAJ SHAH

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Education

Dalhousie University

Master of Applied Computer Science (Co-op Candidate) — 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

Ahmedabad, India

- Developed scalable Android and iOS applications (Drone Control, Vring, OneCloud Connect), **reducing app load times by 40%** through optimized architecture and efficient code implementation.
- Increased project maintainability and scalability by 30%** by implementing MVVM and Clean Architecture, leading to faster feature rollouts.
- Accelerated development cycles by 30%** by designing 10+ reusable components and contributing to open-source Java/Kotlin libraries, reducing code duplication and enhancing productivity.
- Improved user retention by 20%** by integrating 5+ third-party SDKs/APIs (e.g., Stripe, PayPal, IoT SDKs), enhancing functionality and engagement.
- Reduced app crash rates by 35%** using Firebase Crashlytics, leading to improved app-store ratings and a better user experience.
- Strengthened CI/CD pipelines using Jenkins and GitLab, **decreasing deployment issues by 75%**, ensuring seamless integration and high reliability.

Projects

ServiceHub | [Source Code](#)

ReactJS | Spring Boot (JAVA) | MySQL

- Engineered a scalable web application connecting service providers and users, **increasing engagement by 20%** through intuitive design and efficient contract management.
- Developed a robust backend with Spring Boot, **achieving 99.9% uptime** while managing real-time interactions for over 1,000 active users.

K8s Microservices | [Source Code](#)

Spring Boot (Kotlin) | Kubernetes | Docker | CloudBuild

- Designed a Kubernetes-based microservices architecture, **enabling efficient service communication and scalable deployment using Docker containers**.
- Configured Kubernetes deployments, services, and ingress rules to **enhance system fault tolerance and security**.

Habit | [APK](#) | [Source Code](#)

Android (Kotlin - XML) | Spring Boot (Kotlin) | MongoDB

- Built a habit-tracking mobile app, **increasing daily active users by 40%** by implementing a clean UI/UX and user-driven feature enhancements.
- Developed a Spring Boot backend with MongoDB, **enabling secure data storage and real-time sync** across 5+ devices for a seamless user experience.

Technical Skills

Programming: Kotlin, Java, Swift, JavaScript, TypeScript, Node.js

Mobile Development: Android (Jetpack Compose, XML), iOS (SwiftUI, Storyboard)

Backend Development: Spring Boot, RESTful APIs, Test-Driven Development (TDD)

Cloud & DevOps: AWS, Azure, Google Cloud, Docker, Kubernetes, CI/CD Pipelines

Databases: MySQL, MongoDB, DynamoDB, Room, SQLite

Version Control: Git (GitHub, GitLab, BitBucket), JIRA

Testing Tools: JUnit, Mockito, Espresso, Cypress, Postman

Soft skills: Problem Solving, Team Collaboration, Leadership, Analytical Thinking, Effective Communication

Relevant skills: Worked with cloud-based architectures (AWS Lambda, Firebase, GCP). Created automated test cases with Postman, Cypress, and JUnit. Developed and tested RESTful APIs with Spring Boot and Node.js. Integrated third-party APIs and system integration solutions.