

# VRAJ SHAH

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## Professional Summary

Passionate software developer with 2 years of experience in designing, developing, and deploying secure, scalable technical solutions. Adept in back-end and front-end development using Kotlin, Java, Swift, and ReactJS. Proven ability to collaborate in agile environments, analyze field logs to diagnose issues, and implement robust testing procedures. Committed to continuous learning and delivering business-driven solutions.

## 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

Ahmedabad, India

- Designed and implemented complete software solutions from initial idea to production release, delivering customer-facing mobile and SaaS applications achieving a 40% performance boost through optimized code structures while adhering to SDLC principles.
- Collaborated closely with cross-functional teams including backend engineers, designers, and QA to deliver high-quality mobile solutions aligned with customer needs, and delivered features on time by applying continuous iteration, code reviews and test-driven development strategies.
- Contributed to system design and architectural discussions, proposing and implementing scalable and fault-tolerant backend services using Spring Boot and Kotlin, optimizing system efficiency by 40% and utilized Python scripting to automate diagnostic procedures, enhancing the efficiency of the debugging process.
- Assisted in debugging and troubleshooting both backend and frontend systems, implementing comprehensive test procedures to ensure high system availability and performance, reducing deployment failures by 25%.
- Led code reviews, promoted best coding practices, and encouraged knowledge sharing to foster a culture of continuous improvement, reducing technical debt by 40%.
- Investigated and diagnosed production defects by analyzing field logs and simulating failure scenarios, resulting in a 30% reduction in turnaround time for issue resolution.

## 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 Java Spring Boot and ReactJS, 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:** C, C++, C#, Java, Kotlin, Swift, JavaScript, Microsoft Visual Studio, Eclipse, Python, Go

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

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

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

**Databases:** SQLite, MySQL(SQL), MongoDB(NoSQL), DynamoDB, Redis, Elasticsearch, Room, Realm

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

**Programming Fundamentals:** Data Structures and Algorithms (DSA), Multi-threading, Test driven development

**Soft Skills:** Strong communication, Problem solving, Code reviews, Agile development, Teamwork, Quick learner, Work independently, Defect analysis