

VRAJ SHAH

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Professional Summary

Passionate software developer with 2 years of experience designing, developing, and deploying secure, scalable technical solutions. Adept in full-stack development with expertise in Kotlin, Java, Swift, Python, C++, and ReactJS. Experienced in building microservices-based architectures, integrating REST APIs, and delivering user-friendly interfaces. Proven ability to collaborate in agile environments, debug complex systems, and implement robust testing procedures. Currently pursuing a Master of Applied Computer Science and eager to leverage technical skills in innovative, industry-leading automotive and mobility technology projects.

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

- Microservices & API Integration:** Designed and implemented microservices-based architectures using Kubernetes and Docker, enhancing system scalability and reliability. Developed and integrated REST APIs to facilitate seamless communication between services.
- Full-Stack Development:** Delivered customer-facing mobile and web applications using Kotlin, Java, Swift, and ReactJS, achieving a 40% performance boost through optimized code structures.
- System Design & DevOps:** Participated in system architecture discussions and implemented fault-tolerant backend services. Automated build and deployment pipelines using Docker, Kubernetes, and CloudBuild, reducing configuration time by 30%.
- Testing & Debugging:** Developed comprehensive testing strategies that reduced deployment failures by 25% and improved overall system availability.
- Collaboration & Communication:** Led code reviews and coordinated with cross-functional teams, including data scientists and software engineers, to diagnose and resolve production defects, reducing turnaround time by 30%.

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