

VRAJ SHAH

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Technical Skills

Programming Languages: Kotlin, Java, Go, JavaScript, Python, SQL, C#

Backend Development: Node.js, Spring Boot, RESTful APIs, Microservices, GoLang

Cloud & DevOps: AWS (S3, Lambda, Route53, IAM), Docker, Kubernetes, CI/CD (Jenkins, GitHub Actions, GitLab CI)

Web Development: ReactJS, HTML5, CSS3, TailwindCSS, ASP.NET

Database Management: MS SQL Server, MySQL, Firebase Firestore

Monitoring & Logging: Splunk, New Relic, CloudWatch

Software Development Practices: Agile (Scrum), Test-Driven Development (TDD)

Work Experience

Simform Solutions

Dec 2021 - Nov 2023

Software Engineer

Ahmedabad, India

- **Boosted application performance by 40%** by developing scalable backend solutions using **Java and Spring Boot**, enhancing overall user experience.
- **Expedited feature rollouts by 30%** through the development of reusable components and adherence to clean architecture principles.
- **Enhanced data integrity and performance** by writing efficient queries for SQL and MongoDB, **leading to faster and more accurate data retrieval**.
- **Reduced deployment issues by 25%** by implementing automated CI/CD pipelines using Jenkins and GitLab for consistent build and deployment processes.
- **Increased code maintainability** by conducting comprehensive code reviews and implementing coding best practices, **resulting in a 75% reduction in code-related issues**.
- **Streamlined bug fixes** and new feature releases by collaborating with cross-functional teams in an agile environment, **significantly improving product delivery timelines**.

Education

Dalhousie University

Jan 2024 - Sep 2025

Master of Applied Computer Science (Co-op Candidate) — GPA: 4.07/4.3

Halifax, Canada

Charusat University

Jun 2018 - Apr 2022

Bachelor of Computer Engineering — GPA: 8.7/10

Gujarat, India

Projects

ServiceHub | *Source Code*

ReactJS | Spring Boot (JAVA) | MySQL

- **Designed and built a scalable web application** for service providers and requesters, integrating e-signed contracts and feedback systems, **resulting in a 20% increase in user engagement** by enhancing user trust and interaction flow.
- **Applied Object-Oriented Programming principles** (e.g., classes, objects, inheritance) to design modular and reusable code for the backend, ensuring maintainability and scalability.
- **Architected backend using Java Spring Boot and integrated it with a ReactJS frontend**, achieving **99.9% uptime** and enabling seamless real-time interactions among over 1,000 active users.

K8s Microservices | *Source Code*

Spring Boot (Kotlin) | Kubernetes | Docker | CloudBuild

- **Implemented Kubernetes-based microservices architecture**, creating a highly available system with two Spring Boot containers, **ensuring secure communication and fault tolerance between services**.
- **Deployed microservices using Kubernetes** and automated deployment processes with **CloudBuild**, improving deployment speed and scalability by **40%**.
- **Worked with Docker containers** to facilitate easy application deployment, **increasing the speed of testing and production cycles** while ensuring a consistent environment across development and production.