

VRAJ SHAH

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Technical Skills

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

Backend Development: Node.js, ExpressJS, NestJS, 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)

Soft skills: Strong communication, Problem solving, Teamwork and collaboration, Adaptability, Attention to detail, Critical thinking, Time management, Ability to learn continuously

Work Experience

Simform Solutions

Dec 2021 - Nov 2023

Software Engineer

Ahmedabad, India

- Improved application performance by developing scalable backend solutions using Java and Spring Boot, resulting in a 40% increase in overall user experience and application responsiveness.
- Accelerated feature rollouts by creating reusable backend components and adhering to clean architecture principles, which reduced development time by 30% and streamlined future feature implementations.
- Enhanced database performance by writing optimized queries for SQL and MongoDB, improving data retrieval speed and accuracy, resulting in faster and more reliable data access.
- Reduced deployment issues by implementing automated CI/CD pipelines using Jenkins and GitLab CI, resulting in a 25% reduction in deployment failures and ensuring consistent and reliable deployment processes.
- Increased code maintainability by conducting comprehensive code reviews and implementing coding best practices, which led to a 75% reduction in code-related issues and improved overall software quality.
- Streamlined bug fixes and new feature releases by collaborating with cross-functional teams in an Agile environment, improving product delivery timelines by 30% and enhancing collaboration across departments.

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.