

VRAJ SHAH

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Technical Skills

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

DevOps & Cloud: Linux System Administration, Docker, Kubernetes, AWS (S3, Lambda, IAM, Route53), Azure DevOps

Automation & Configuration Management: Bash, Python, Ansible, Puppet, Fabric

CI/CD & Build Tools: Jenkins, GitHub Actions, GitLab CI, Bamboo, Maven, Gradle

Networking & Security: Firewalls, Networking Protocols, System Monitoring (Splunk, New Relic, CloudWatch)

Version Control & Software Delivery: Git, Git Flow, Agile (Scrum), Test-Driven Development (TDD)

Soft skills: Strong communication, Quick learner, Analytical, Flexible

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.
- **Automated infrastructure setup and deployments** using Bash scripting, Ansible, and Puppet, **reducing manual overhead by 40%**.
- **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**.
- **Managed Linux system administration**, ensuring high availability and security of production environments.

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

- **Designed a Kubernetes-based microservices architecture**, deploying multiple Spring Boot (Kotlin) services.
- **Utilized Docker containers** to package applications for easy deployment and ensured seamless scaling.
- **Automated CI/CD workflows using CloudBuild and Jenkins**, improving deployment speed by 40%.
- **Monitored system performance using Splunk and CloudWatch**, proactively identifying performance bottlenecks.