

VRAJ SHAH

📞 +19029941436 ✉️ shahvraj2016@gmail.com 🔗 [linkedin.com/in/vraj-shah](https://www.linkedin.com/in/vraj-shah) 🐙 github.com/shah-vraj 📁 [portfolio](#) 📝 [Blog](#)

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.

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shahvraj2016@gmail.com

+19029941436

19 Feb 2025

[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [LeetCode](#) | [HackerRank](#)

Hiring Team

Global Relay

Subject: Application for **Co-op DevOps - Summer 2025**

Dear Hiring Team,

I am excited to apply for the Co-op DevOps position at Global Relay for Summer 2025. With a strong foundation in Linux system administration, CI/CD pipelines, and automation scripting, I am eager to contribute to your team's efforts in ensuring the reliability and efficiency of production and test environments.

During my time as a Software Engineer at Simform Solutions, I optimized software delivery pipelines using CI/CD tools like Jenkins and GitLab CI, reducing deployment failures by 25%. I also automated infrastructure setup with Ansible and Bash scripting, improving system efficiency and reliability. My experience working with microservices-based applications, containerized using Docker and orchestrated with Kubernetes, aligns well with the skills required for this role.

Currently pursuing my Master of Applied Computer Science at Dalhousie University, I have further expanded my knowledge in cloud computing, networking, and database management. My coursework and hands-on projects have strengthened my understanding of software delivery practices, including Git branching models and configuration management. I am particularly excited about the opportunity to work with Global Relay, known for its cutting-edge solutions in enterprise information archiving and compliance.

I am eager to bring my problem-solving mindset and technical expertise to your team while continuing to learn and grow in a fast-paced DevOps environment. I would welcome the opportunity to discuss how my skills align with your team's needs. Thank you for your time and consideration, and I look forward to the possibility of contributing to Global Relay's success.

Sincerely,

Vraj Shah

Academic Record - Shah, Vraj Sunilkumar (B00979965)

Jan 08, 2025 12:47 am
For information relating to the transcript see the transcript key (https://www.dal.ca/admissions/registrars_office/transcript_key.html)



DALHOUSIE
UNIVERSITY

Degrees/Diplomas and Honours Awarded

This is NOT an official transcript.

2023/2024 Winter	<u>Credit Hrs</u>	<u>Grade</u>	<u>Median Grade</u>	<u>Enrol</u>
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Master of Applied Comp Science: Computer Science

CSCI	D	5100	2	Communicating Comp Sci Ideas	03.0	B+
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In Good Standing

This is NOT an official transcript.

2023/2024 Summer	<u>Credit Hrs</u>	<u>Grade</u>	<u>Median Grade</u>	<u>Enrol</u>
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Master of Applied Comp Science: Computer Science

CSCI	D	5308	2	Adv Topics in Software Develop	03.0	A+
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CSCI	D	5408	2	Data Mgmt, Warhsng Analytics	03.0	A
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CSCI	D	5709	Adv. Topics in Web Development	03.0	A+
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In Good Standing

This is NOT an official transcript.

2024/2025 Fall					<u>Credit Hrs</u>	<u>Grade</u>	<u>Median Grade</u>	<u>Enrol</u>
CSCI	D	5409	2	Adv Topic in Cloud Computing	03.0	A+		
CSCI	D	5411	2	Advanced Cloud Architecting	03.0	A		
CSCI	D	5708	2	Mobile Computing	03.0	A+		
CSCI	D	9890	2	Internship Preparation	00.0	PASS		

In Good Standing

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GRADES NOT AVAILABLECredit Hrs

Current Program: 2023/2024 Winter

Master of Applied Comp Science: Computer Science

2023/2024 Winter	CSCI	D 3901 1	Software Development Concepts	6
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Current Program: 2024/2025 Winter

Master of Applied Comp Science: Computer Science

2024/2025 Winter	CSCI	D 5501 2	Deep Learning Applications	3
2024/2025 Winter	CSCI	D 5601 2	Designing for UX	3

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