

Professional Summary

Results-driven Software Engineer with over 2 years of experience in backend and frontend development, specializing in React, REST APIs, and SQL databases. Skilled in designing and optimizing performance-sensitive applications to deliver fast, scalable solutions. Proficient in building React-based UIs, implementing performance optimization techniques, and utilizing Agile methodologies to ensure iterative, high-quality product delivery. Passionate about collaborating with cross-functional teams to build user-centric applications, drive system improvements, and enhance overall application performance. Currently pursuing a Master’s degree in Applied Computer Science, seeking internship opportunities to apply my technical expertise and continuous learning mindset to contribute to innovative software engineering projects.

Work Experience

Simform Solutions	Dec 2021 - Nov 2023
Software Engineer	Ahmedabad, India
<ul style="list-style-type: none">Optimized API performance in web applications by implementing caching, query handling, and load balancing techniques, reducing response times by 35%, which led to faster page loads and an improved user experience.Improved integration of ReactJS frontend with backend services by optimizing complex SQL queries and utilizing caching strategies, reducing database query times by 30% and enhancing overall web application performance.Developed and automated CI/CD pipelines with GitHub Actions and GitLab CI for web application deployment, reducing deployment time by 50% and enabling faster, smoother releases for the web app.Identified and resolved production issues affecting web applications by using log analysis, tracing, and debugging, ensuring high availability and minimal downtime for users accessing the platform.Implemented unit and integration testing for web applications using JUnit, Mockito, and Cypress, improving the stability of the app and reducing production defects by 60%.Designed and optimized data pipelines to handle structured and unstructured data (CSV, JSON, REST APIs) for web applications, reducing processing overhead by 40% and improving data handling for web pages.Refactored legacy web application code to improve maintainability and performance, reducing bugs by 40% and enhancing the overall reliability and responsiveness of the application.Researched and experimented with emerging web development technologies, integrating cloud-native services like AWS Lambda and Aurora to optimize both frontend and backend performance for scalable web applications.Collaborated with UI/UX designers and cross-functional teams to develop React-based user interfaces, enhancing the responsiveness, usability, and accessibility of the web application and boosting user satisfaction.Participated in code reviews and mentored junior developers on best practices for frontend and backend web development, improving code quality by 75% and ensuring maintainability of the web application.	

Technical Skills

Programming: JavaScript, TypeScript, Java, Kotlin, Swift, Python, C++
Frontend: ReactJS, Angular, Vue (basic), HTML5, CSS3, Bootstrap, TailwindCSS
Backend: Node.js, Spring Boot, REST APIs, Express.js
Databases: MySQL, PostgreSQL, MongoDB
DevOps & Cloud: Docker, Kubernetes, AWS, Azure, GCP, CI/CD
Testing & Tools: JUnit, Cypress, Postman, GitHub, GitLab CI
Soft skills: Strong communication, Problem solving, Teamwork and collaboration, Observability, Analytical, Critical thinking, Self-motivated, Ability to learn continuously

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
<ul style="list-style-type: none">Developed a scalable web application using ReactJS and Spring Boot, optimizing frontend performance by 40% through modular UI components and enhancing user experience.Applied Object-Oriented Programming (OOP) principles to design maintainable backend systems, achieving 99.9% uptime for over 1,000 active users.Implemented RESTful APIs to enable seamless communication between the frontend and backend. Implemented JSON and XML parsing for seamless data exchange.	
BidWise	Angular Spring Boot (JAVA) Typescript MySQL TDD Stomp Socket
<ul style="list-style-type: none">Designed and developed an online live auction application using Spring Boot allowing users to participate in live auction and bid on the listed items also allowing them to add items for auction selecting time of their choice, integrating Stripe for payments and Stomp to create socket channel for continuous bidding by users.Followed SDLC and implemented JWT tokens for secure and efficient REST API request authorization. Automated the deployment process with CI/CD pipeline using GitLab CI, streamlining code integration, testing, and deployment across multiple environments.Leveraged Angular’s modular design to build a structured and maintainable front end and integrated JWT authentication within Angular’s HTTP interceptors to manage secure API requests seamlessly.	

Vraj Shah

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30 March 2025

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

Hiring Team

Safety Cybersecurity

Subject: Application for **RevOps Software Engineer Co-op**

Dear Hiring Team,

I am excited to apply for the RevOps Engineering Co-op position at Safety Cybersecurity. As a master's student in Applied Computer Science at Dalhousie University and a software engineer with over two years of experience, I am eager to bridge the gap between engineering and business operations by leveraging my technical expertise in web development, API integrations, and automation.

During my time as a Software Engineer at Simform Solutions, I worked extensively with ReactJS, REST APIs, SQL databases, and automation tools, optimizing web applications and improving system performance. I developed CI/CD pipelines with GitHub Actions and GitLab CI, reducing deployment times by 50%. Additionally, my experience integrating frontend and backend services helped enhance system efficiency and scalability, skills that align well with this role's focus on marketing automation, CRM systems, and payment processing.

What excites me about this opportunity is the chance to apply my technical problem-solving skills beyond traditional product development—delving into RevOps technology to drive business growth. My strong foundation in JavaScript, API development, and version control (Git & GitHub), combined with my interest in business operations technology, makes me a strong candidate for this role.

I am particularly drawn to Safety Cybersecurity's mission to integrate security into the development workflow, and I would love to contribute by optimizing revenue-driving technical solutions. I am eager to bring my collaborative mindset, technical expertise, and problem-solving abilities to your team.

I would welcome the opportunity to discuss how my skills align with Safety Cybersecurity's goals. Thank you for your time and consideration—I look forward to the possibility of contributing to your team.

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

This is NOT an official transcript.

GRADES NOT AVAILABLE

Credit 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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