

VRAJ SHAH

 +19029941436  shahvraj2016@gmail.com  linkedin.com/in/vraj-shah  github.com/shah-vraj  portfolio  Blog

Skills

Programming Languages: Java, Kotlin, Python, JavaScript, TypeScript, SQL

Frontend Development: Angular, React, HTML5, CSS3, TailwindCSS

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

Cloud & Infrastructure: AWS (EC2, S3, RDS), Azure, Kubernetes, Docker

Database Management: PostgreSQL, MySQL, Firebase Firestore

DevOps & CI/CD: GitHub Actions, GitLab CI, Jenkins

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

Version Control & Collaboration: Git, GitHub, GitLab, Jira

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

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

- Developed scalable microservices using Spring Boot and Node.js, integrating RESTful APIs that improved application responsiveness by 35%.
- Designed and built frontend interfaces with Angular, enhancing user experience and reducing page load times by 40% through optimized state management and lazy loading.
- Led API development and third-party API integration, streamlining data exchange between internal services and external partners, reducing API response time by 25%.
- Built and optimized SQL queries and database schemas for PostgreSQL and MySQL, improving query performance by 50% and ensuring efficient data retrieval.
- Developed and maintained CI/CD pipelines using GitHub Actions and GitLab CI, reducing deployment failures by 30% and accelerating feature releases.
- Collaborated with cross-functional teams in an Agile (Scrum) environment, delivering well-documented, maintainable code through rigorous code reviews and unit testing (JUnit, Mockito, Cypress).

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

- Developed a scalable web application using ReactJS, implementing modular UI components for a seamless user experience. Integrated lazy loading and performance optimizations, reducing page load time by 40%.
- 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.

Vraj Shah

shahvraj2016@gmail.com

+19029941436

23 Feb 2025

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

Hiring Team

EQ Bank

Subject: Application for **Full Stack Engineer - Summer Intern 2025**

Dear Hiring Team,

With a strong foundation in full-stack development and a passion for building scalable, cloud-native applications, I am excited about the opportunity to contribute to EQ Bank as a Full Stack Engineer Intern. My experience in backend and frontend development, combined with my ability to optimize systems for performance and reliability, aligns well with your mission to innovate the banking experience for Canadians.

During my tenure as a Software Engineer at Simform Solutions, I played a key role in developing and optimizing microservices-based applications using Spring Boot, Kubernetes, and Docker. I enhanced system scalability and performance, reducing response times by 30% during peak traffic. Additionally, I worked with CI/CD pipelines, improving deployment efficiency and ensuring seamless application delivery. My proficiency in Java, Python, and TypeScript, along with frontend experience in React and Angular, enables me to build robust full-stack applications. Furthermore, my understanding of RESTful APIs, database management, and event-driven architectures aligns with the technical expectations of this role.

Currently pursuing my Master of Applied Computer Science at Dalhousie University, I am eager to apply my academic knowledge in a dynamic, real-world setting. I thrive in collaborative, agile environments and enjoy solving complex problems to enhance user experience and system efficiency. EQ Bank's commitment to challenging traditional banking resonates with my enthusiasm for driving innovation through technology.

I am excited about the prospect of joining your team and contributing my skills to EQ Bank's digital platform. I welcome the opportunity to discuss how my experience and technical expertise can add value to your organization. Thank you for your time and consideration.

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>
------------------	-------------------	--------------	---------------------	--------------

Master of Applied Comp Science: Computer Science

CSCI	D	5100	2	Communicating Comp Sci Ideas	03.0	B+
------	---	------	---	------------------------------	------	----

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>
------------------	-------------------	--------------	---------------------	--------------

Master of Applied Comp Science: Computer Science

CSCI	D	5308	2	Adv Topics in Software Develop	03.0	A+
------	---	------	---	--------------------------------	------	----

CSCI	D	5408	2	Data Mgmt, Warhsng Analytics	03.0	A
------	---	------	---	------------------------------	------	---

CSCI	D	5709	Adv. Topics in Web Development	03.0	A+
------	---	------	--------------------------------	------	----

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
------------------	------	----------	-------------------------------	---

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

This is NOT an official transcript.