







# VRAJ SHAH

 (902) 994-1436  shahvraj2016@gmail.com  linkedin.com/in/vraj-shah  github.com/shah-vraj  portfolio  Blog

## Education

### Charusat University

Bachelor of Computer Engineering — GPA: 8.7/10

2018-2022

Gujarat, India

### Dalhousie University

Master of Applied Computer Science — GPA: 4.07/4.3

2024-present

Halifax, Canada

## Work Experience

### Simform Solutions

Dec 2021 – Nov 2023

Software Engineer | Mobile Application Developer

Ahmedabad, India

- Developed scalable Android and iOS mobile applications, including Drone Control, Vring, and OneCloud Connect, by implementing **optimized code structures**, achieving a **40%** improvement in application performance.
- Implemented **MVVM** and **Clean Architecture** patterns, increasing **project maintainability** and **scalability** by **30%**, enabling seamless feature updates across applications.
- Created **reusable components** and **open-source libraries**, enhancing **code reliability** and accelerating development cycles across multiple projects.
- Integrated **third-party SDKs** and **APIs**, such as payment gateways and IoT device connectivity, boosting feature richness and improving user engagement metrics.
- Conducted **code reviews** and established coding standards, reducing code issues by **75%** and ensuring alignment with **CI/CD** pipeline best practices for efficient deployments.
- Reduced app crash rates by **35%** through **rigorous testing** and **debugging**, improving user retention and app-store/play-store ratings.

## Projects

### ServiceHub | Source Code

ReactJS | Spring Boot (JAVA) | MySQL

- Developed a **web application** enabling seamless connections between service providers and requesters, incorporating features like e-signed contracts, service management, and feedback systems, enhancing user trust and convenience.
- Built a **Java Spring Boot backend** integrated with a ReactJS frontend, ensuring **high performance** and **scalability** to handle dynamic user interactions and real-time feedback

### K8s Microservices | Source Code

Spring Boot (Kotlin) | Kubernetes | Docker | CloudBuild

- Implemented a Kubernetes-based **microservices architecture** with two Spring Boot containers, enabling seamless communication where a public-facing container invoked another internal service.
- Configured Kubernetes deployments, services, and ingress rules to ensure **scalability**, **secure communication**, and **fault tolerance** between microservices.

### Habit | APK | Source Code

Android (Kotlin - XML) | Spring Boot (Kotlin) | MongoDB

- Designed a mobile app to help users **track**, **manage**, and **build habits** using reminders, streaks, and **habit statistics**, fostering personal growth and accountability.
- Built a Spring Boot and MongoDB backend to store habit-related data **securely** and enable **real-time synchronization** across devices.

## Technical Skills

**Mobile development:** Android - Java, Kotlin, XML, Jetpack Compose, iOS - Swift, Storyboard, SwiftUI

**Frontend Technologies:** HTML, CSS, JavaScript, ReactJS, Bootstrap, Tailwind, Simple CSS

**Backend Technologies:** Springboot(Java/Kotlin), Node.js

**Cloud & DevOps:** AWS, Azure, Firebase, GCP, CI/CD pipeline, Docker, Kubernetes, Terraform

**Database Management:** SQLite, MySQL, MongoDB, DynamoDB, Room, Realm

**Soft skills:** Leadership, Team collaboration, Problem-solving, verbal and written communication

**Other:** DSA, GIT (GitHub, BitBucket, Azure, GitLab), JIRA, ZOHO, Test Driven Development, Restful APIs, Multi-threading, Coroutines.

Dear Philip Ryan,

With a passion for solving complex challenges and an eagerness to contribute to Deloitte's mission of building a better future, I am excited to apply for the Transaction Diligence, Execution & Reporting internship for Summer 2025. As a master's student in Applied Computer Science at Dalhousie University, I bring a strong analytical mindset, collaborative spirit, and drive to thrive in dynamic environments.

In my academic journey and professional experiences, I have honed the skills that align closely with this role:

- **Communication and Collaboration:** While working as Software Engineer, I collaborated with a cross-functional team to deliver actionable insights, ensuring alignment with key stakeholders.
- **Proficiency in Tools:** My expertise with Microsoft Office Suite, particularly Excel and PowerPoint, enables me to efficiently analyse, visualize, and present data-driven recommendations.

What excites me most about this opportunity is Deloitte's people-first philosophy and commitment to fostering growth. I am inspired by the chance to work on high-profile engagements and contribute to strategic decision-making processes that shape businesses' futures. Whether it's analyzing financial records, developing models, or supporting client presentations, I am eager to immerse myself in the diverse and impactful projects your team undertakes.

Beyond my technical skills, I bring a curiosity-driven mindset and an ability to adapt to new challenges. For instance, during my previous internships and job, I navigated a fast-paced environment, balancing multiple priorities while meeting tight deadlines. These experiences have prepared me to excel in the dynamic and collaborative setting Deloitte offers.

I am excited about the possibility of contributing to Deloitte's reputation for excellence and innovation. Thank you for considering my application. I would welcome the opportunity to discuss how my skills, experiences, and enthusiasm align with the goals of the Transaction Diligence, Execution & Reporting team.

Best regards,

Vraj Shah

+1 (902) 994-1436

vr597381@dal.ca

<https://www.linkedin.com/in/vraj-shah-6378941b7/> | <https://github.com/shah-vraj>

# 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](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.*