

# VRAJ SHAH

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## Professional Summary

Motivated and adaptable **Master's student in Applied Computer Science at Dalhousie University** with a robust foundation in **object-oriented programming, web development, and agile methodologies**. Experienced in designing and implementing scalable applications using **MVC architecture** and modern web technologies. Adept at crafting **technical documentation, collaborating across teams**, and driving process improvements. Eager to contribute as a Junior Technical Consultant by blending technical expertise with **strong communication and problem-solving skills**.

## Education

### Dalhousie University

Master of Applied Computer Science (Co-op Candidate) — **GPA: 4.07/4.3**

Jan 2024 - Sep 2025

Halifax, Canada

### Charusat University

Bachelor of Computer Engineering — **GPA: 8.7/10**

Jun 2018 - Apr 2022

Gujarat, India

## Work Experience

### Simform Solutions

Dec 2021 - Nov 2023

Software Engineer

Ahmedabad, India

- Engineered scalable software solutions by leveraging object-oriented programming and the MVC pattern, which boosted system performance by 40%.
- Collaborated effectively in agile environments by working with cross-functional teams (backend, frontend, design, QA), resulting in the timely delivery of mobile and web applications.
- Produced detailed technical documentation by articulating system designs and functionalities, leading to clearer client communications and smoother project handovers.
- Optimized system reliability by implementing rigorous code reviews and performance enhancements, which reduced deployment failures by 25%.
- Streamlined internal processes by automating workflows, achieving a 40% reduction in technical debt.

## Projects

### ServiceHub | Source Code

React.js | Spring Boot (JAVA) | MySQL

- Developed a scalable web application by integrating Spring Boot and ReactJS within an MVC framework, which increased user engagement by 20%.
- Enhanced the user interface by incorporating agile feedback, resulting in improved client satisfaction and a more responsive system.
- Improved system uptime by implementing caching strategies and optimizing data workflows, which maintained 99.9% service availability.

### BidSphere | Source Code

Spring Boot | Node.js | React.js | MongoDB | Netlify | Render

- Developed a comprehensive platform for managing tenders and bids, streamlining the bidding process for both issuers and bidders, increasing contract closure rates by 30%.
- Integrated robust analytics dashboards for issuers, allowing real-time monitoring of tender performance, leading to data-driven decision-making.
- Implemented secure role-based authentication and bidding management, enhancing system transparency and user engagement by 40%.

## Technical Skills

**Programming:** Java, Kotlin, Swift, Python, Go, C++

**Web Development:** HTML, CSS, JavaScript, ReactJS, Node.js, RESTful APIs

**Frameworks & Patterns:** Spring Boot, MVC Architecture, Test-Driven Development

**Cloud & DevOps:** AWS, Google Cloud Platform, Docker, Kubernetes, CI/CD Pipelines (CloudBuild)

**Databases:** MySQL, MongoDB, DynamoDB, Redis

**Version Control & Tools:** Git (GitHub, GitLab, Bitbucket), JIRA, ZOHO

**Methodologies:** Agile (Scrum), Software Development Life Cycle (SDLC)

**Soft Skills:** Effective communication, Eager learner, Strong collaborator, Problem-solving mindset