

VRAJ SHAH

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

Professional Summary

Detail-oriented and results-driven software engineer with expertise in mobile and web application testing, automation, and CI/CD. Proficient in Kotlin, Swift, Java, and Python, with hands-on experience in manual and automated testing, API testing, and performance testing. Skilled in building and maintaining test suites, integrating CI/CD pipelines, and collaborating in Agile teams to ensure high-quality software delivery. Seeking a QA Co-Op role to apply strong testing and automation skills and contribute to impactful solutions.

Technical Skills

Programming Languages: Kotlin, Swift, Java, Python, C#

Testing & Automation: JUnit, Mockito, Espresso, Selenium WebDriver, Playwright, Cypress, Pytest, Appium, JMeter

Development Tools: Android Studio, Xcode, Gradle, Git, Linux

Web Services & API: Retrofit, OkHttp, REST, JSON, Thrift

Big Data & Cloud: Firebase, AWS, MongoDB, Hadoop

CI/CD & DevOps: GitLab CI/CD, Jenkins, Bamboo, Docker, Terraform

Soft skills: Strong communication, Problem-solving, Teamwork and collaboration, Adaptability, Attention to detail, Critical thinking, Time management, Ability to learn continuously (Independent learner)

Work Experience

Simform Solutions

Dec 2021 - Nov 2023

Software Engineer

Ahmedabad, India

- Spearheaded the development and maintenance of automated test suites using Selenium WebDriver, Appium, and Playwright, **reducing testing time by 30%**.
- **Automated API tests** with Postman and Python, **driving a 99% uptime** and significantly **reducing manual testing efforts**.
- **Integrated CI/CD pipelines** (GitLab CI/CD, Jenkins), streamlining deployment processes and **cutting deployment time by 50%**.
- **Led performance testing** using JMeter, identifying and addressing bottlenecks, **enhancing system performance**.
- **Executed comprehensive manual testing** (functional, regression), identifying critical bugs and ensuring timely product releases.
- **Revamped legacy test cases** using Pytest and Playwright, **increasing test automation coverage by 40%**.
- **Collaborated with developers** to troubleshoot issues, ensuring smooth deployment and high-quality releases in Agile sprints.

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.
- **Implemented end-to-end automation testing** using Selenium, reducing manual testing workload by 70%.
- **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.

Habit | [Source Code](#)

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

- Created an intuitive **habit-tracking mobile app** aimed at empowering users to build and manage daily routines; incorporated user feedback into design, resulting in a **40% increase in daily active users**.
- Engineered a robust **Spring Boot backend** integrated with **MongoDB**, achieving secure data storage and enabling seamless **real-time synchronization** across multiple devices for enhanced user experience in habit tracking.
- **Implemented Espresso UI tests and JUnit-based unit tests**, improving software reliability by 40%.