

Mohammad Atif Bin Shafi

Software Developer in Test

Leveraging six years of experience at the intersection of technology and leadership, I thrive as a programmer at heart and a professional tester. My passion for software development is equally matched by my enthusiasm for identifying and rectifying bugs. Apart from working on personal projects (as outlined below), I actively write tech blogs (blog.atifshafi.com) to engage with the community.

✉ shafiatifbin@gmail.com

📞 +1-604-445-9123

📍 Toronto, Canada

🐙 github.com/atifshafi

WORK EXPERIENCE

Software Quality Engineer

Red Hat

07/2021 - Present

Toronto, Canada

- Translate business requirements into test plan and develop test automations at all layers
- Develop e2e automation framework for back-end/front-end services using Cypress, Jest
- Collaborate with the CI/CD team to ensure comprehensive test coverage during regression testing cycles
- Collaborate with various teams to comprehend their needs and assisted them in accomplishing their testing requirements

Software (QA) Developer in Test

T2 Systems

04/2018 - 06/2021

Burnaby, Canada

- Developed automation framework for performance, reliability, scalability tests on the back-end/front-end services using pytest, locust, ROBOT
- Incorporated test scripts into the development pipeline utilizing Jenkins as part of the CI/CD process
- Authored Python scripts for production, resolved environmental issues by coordinating with local and remote DevOps, Development, and QA teams
- Lead/mentor a team of 5, including co-ops, on termly basis and send signoff to teams after releases

Software Test Engineer (co-op)

Schneider Electric (Solar)

01/2017 - 12/2017

Burnaby, Canada

- Designed interactive GUI for hardware devices for life tests (HALT) using python
- Wrote test cases for hardware devices with TDD approach

EDUCATION

Simon Fraser University

Burnaby, Canada

Engineering Science (MEng) – CGPA: 3.89/4.33

East West University

Dhaka, Bangladesh

Electrical Engineering (BSc) – CGPA: 3.16/4.00

SKILLS



CERTIFICATIONS

- Certified Kubernetes Application Developer (CKAD) – The Linux Foundation
- Certified software tester - International Software Testing Qualifications Board (ISTQB)
- Project Management - “Foundations of Project Management I: A Team-Based Approach”, a Mitacs workshop

TECHNICAL PROJECTS – Personal

QR-Code Based Queue App

2023

- **Technology:** Python, Flask, SQL, Docker, AWS, GitHub Actions
- Developed a web application utilizing QR codes for efficient queue management, facilitating user onboarding and SMS notifications for estimated wait times
- **Features:** View queue as an Admin, Send SMS notifications for customers, Upload images for the welcome page as an admin

GlobeTrotters – A web-app for travel enthusiasts

2021

- **Technology:** Node.js, Express, MongoDB, Bootstrap
- Engineered a production-ready website with enhanced features for global travel enthusiasts to share unique photos and cultivate a follower base
- **Features:** Add/Edit/Remove posts or comments, Like a post, Create profiles/Login, Add locations on google maps

Android Apps: News & Tour Guide App (Udacity)

2020

- **Technology:** Java, Android Studio
- **News App:** Created a tech news app utilizing HTTP requests, Loader, intents, and JSON parsing for real-time article updates
- **Tour Guide App:** Created a multiscreen app highlighting key Vancouver spots using Fragments and custom classes