

# Razin Farhan Hussain

COMPUTER SCIENCE · SOFTWARE QA & AUTOMATION ENGINEER

Ottawa, ON, K1J 8P7

☎ (+1) 343-202-0650 | ✉ razin.farhan2018@gmail.com | 🌐 www.linkedin.com/in/ razin-hussain-1990

## Objective

Results-driven Test Automation Specialist with 8+ years of experience in the software industry, including 3 years at TryCycle Data Systems Inc., Ottawa, Canada. Skilled in designing and implementing automation frameworks, developing UI/API test scripts, and leading quality assurance initiatives to ensure high-quality software products. Experienced in working with multiple automation tools, CI/CD pipelines, and diverse application types, including mobile and enterprise solutions. I am now seeking a software QA and Automation position where I can leverage my technical expertise, leadership skills, and strategic planning abilities to drive quality assurance best practices, implement automation testing strategies, and enhance software development processes in a growth-focused environment.

## Technical Skills

### Automation & Testing Tools

Selenium, Playwright, Appium, Cypress, TestNG

### Languages/Frameworks

JAVA, Python, JavaScript, TestNG, BDD

### CI/CD & Cloud

Git, BitBucket, Jenkins, Azure DevOps, AWS EC-2 (Virtual Machines), Docker

### API & Performance Tools

Postman, JMeter

### Database

SQL, Postgre, MySQL

### Manual Testing

Functional, Regression, UI testing for web and mobile applications

### OS

Linux, Windows, Mac

### Test Management & Documentation

Jira, Confluence

### Development Methodologies

SDLC, Agile (Scrum)

## Experience

### TryCycle Data Systems Inc

1525 Carling Ave Suit No 408,

Ottawa, ON K1Z 8R9

SOFTWARE QUALITY ENGINEER LEVEL II

Mar. 2022 - Feb. 2025

- Designed and executed detailed test plans and test cases derived from requirement documents and real-world usage scenarios.
- Developed and maintained automated scripts for testing front-end and functionality of cross platform( web, iOS, Android) applications.
- Develop and execute manual test cases to ensure the quality of the software applications.
- Built and maintained automation frameworks using Selenium, TestNG, and Java.
- Performed functional, regression, load, and stress testing for SaaS platforms.
- Reported and tracked defects in Jira with clear, concise steps to reproduce.
- Integrate automated test cases with azure devop platform to ensure CI/CD pipeline.
- Collaborated in Agile/Scrum teams to ensure test coverage across sprints.

### HPCC Lab, University of Louisiana at Lafayette

301 E Lewis St, Lafayette, LA 70503,

USA

RESEARCH ASSISTANT

Aug 2017 - May 2019

- Simulated task workloads using Java and Python for fog/edge computing environments.
- Performed data validation and analysis for distributed deep learning experiments.
- Supported testing environments hosted on AWS and local clusters.

### Samsung R&D Institute Bangladesh

111 Bir Uttam CR Dutta Rd, Dhaka

1205, Bangladesh

LEAD SOFTWARE ENGINEER

Dec 2012 - July 2017

- Led automation testing initiatives for mobile applications, developing scripts and performing regression, unit, and API testing.
- Transitioned manual test processes to automation using Bash scripting and Python to improve test efficiency.
- Conducted SDK verification and bug reporting for Samsung's proprietary Tizen mobile OS.
- Collaborated with global teams to support SDK releases for mobile app development on multiple platforms (Mac, Ubuntu, Windows).
- Generated test coverage reports and optimized QA documentation processes.

### ERA Infotech Ltd

Bengal Center, 28 Topkhana Road,

Dhaka 1000, Bangladesh

TRAINEE PROGRAMMER

Feb 2012 - Nov 2012

- Developed front-end components for browser-based banking software (My Bank) using JSP and Java Struts framework.
- Created and integrated SQL-based user reports using the iReport tool to support financial transactions
- Worked closely with end-users to improve software usability and resolve technical issues.

# Education

## University of Louisiana at Lafayette

PH.D. IN COMPUTER SCIENCE  
M.SC. IN COMPUTER SCIENCE

104 E University Ave, Lafayette, LA  
70504, USA  
2017 - 2022  
2017 - 2019

## Military Institute of Science and Technology

B.SC. IN COMPUTER SCIENCE & ENGINEERING

Dhaka, Bangladesh  
2007 - 2011

# Certifications

## Testing AI Systems

O'REILLY  
<https://tinyurl.com/AI-System-testing>

Online  
Apr 2025

## PlayWright: Web Automation Testing From Zero to Hero

UDEMY  
<https://tinyurl.com/playwright-udemy-course>

Online  
Mar 2025

## Fundamentals of APIs

O'REILLY  
<https://tinyurl.com/Oreilly-API-Fundamental>

Online  
Mar 2025

## Jenkins Bootcamp

O'REILLY  
<https://tinyurl.com/jenkins-oreilly>

Online  
Mar 2025

## Git & GitHub Crash Course

O'REILLY  
<https://tinyurl.com/Oreilly-Git>

Online  
Mar 2025

## API Testing with Postman

O'REILLY  
<https://tinyurl.com/Oreilly-API-Testing>

Online  
Feb 2025

## SQL Server Beginner Course

O'REILLY  
<https://tinyurl.com/oreilly-sql>

Online  
Feb 2025

## Strategic Software Testing

O'REILLY  
<https://tinyurl.com/Oreilly-Testing>

Online  
Feb 2025

## Selenium Fundamentals

O'REILLY  
<https://tinyurl.com/oreilly-selenium>

Online  
Feb 2025

## API Testing Foundations

LINKEDIN LEARNING

Online  
Jan 2022

## Introduction to JavaScript: First Steps

EDUCATIVE

Online  
Aug 2022

## Test Automation Foundations

LINKEDIN LEARNING

Online  
Jan 2021

## Introduction to Cloud Computing

EDX  
<https://bit.ly/3pssuCG>

Online  
Feb 2017

## Reference

---

- Rachel Hartviksen (Software Development Manager in R&D)  
TryCycle Data Systems  
Email: [rachel@trycycle.ca](mailto:rachel@trycycle.ca)  
Phone: 226-748-2821
- Brett Merriman (CEO in G&A)  
TryCycle Data Systems  
Email: [brett@trycycle.ca](mailto:brett@trycycle.ca)  
Phone: 613-882-5526
- Dr. Mohsen Amini Salehi (Associate Professor )  
CSE Department, University of North Texas (UNT)  
Email: [Mohsen.Aminisalehi@unt.edu](mailto:Mohsen.Aminisalehi@unt.edu)  
Phone: +19704308490