Islam Hussain Pathan
Lead Engineer (SDET)

✉ islamhussain.pathan@outlook.com 📞 +91-8977776610 📍 Hyderabad 🔗 https://www.linkedin.com/in/islam-hussain-pathan/

PROFILE

Strategic lead engineer with 7 years of expertise in testing web applications, leveraging a skill set that includes Python, Java, API testing, REST APIs, Gitlab CI/CD, and API test automation, Selenium frameworks. Proven track record of implementing robust testing strategies and ensuring the delivery of high-quality software. Adept at leading cross-functional teams through comprehensive testing processes, with a focus on efficiency and automation

RELEVANT SKILLS AND COURSES

Courses: Data Structure and Algorithms, Database Systems, Probability and Statistics, Object Oriented Programming, Machine Learning basics

Skills: Python, Java, C#, Gitlab CI/CD, API Testing, UI Testing — Selenium, SQL — MSSQL, MySQL, SQLite, DuckDB, Jenkins, Jmeter, Mockserver, Pytest, flask, Kubernetes, Docker, AWS, Karate, RestAssured, Playwright/Selenium, Appium/XCUI, Maven, Gradle, Agile development,

PROFESSIONAL EXPERIENCE

Lead Engineer, *Freshworks*   08/2024 – present
Hyderabad, India
- Proficient in writing comprehensive and detailed test cases for various scenarios.
- Skilled in automating both UI and API testing specifications to ensure robust coverage.
- Expertise in leveraging APIs for efficient test data population and using UI for thorough functional validation.
- Successfully managed and executed a suite of over 30,000 automated test cases.
- Experienced in utilizing Jenkins for end-to-end CI/CD processes, ensuring seamless integration and delivery.

Lead Engineer, *Arcesium* ↗   2019 – 08/2024
Hyderabad, India
- Developed API testing frameworks and Volume testing scripts
- Successfully devised strategies for zero-touch regression testing and adept in UI and performance testing using JMeter.
- Deploying Pre-built Tests in GitLab CI/CD to achieve daily regression runs and any day release.
- Built a service using Flask for Zephyr test management tool for test execution in Jira.
- Used Elastic search in test case reporting and dashboarding
- Built an in-house tool for API testing using Python.
- Worked on creating complex prod-like simulated data for test environments.
- Proactive in staying updated with industry trends, fostering teamwork, and driving continuous improvement.
- Devising test plans, test cases, and test data to achieve maximum quality.

Software Engineer, *OpenText* ↗   2017 – 2019
Hyderabad, India
- Building automation frameworks and Testing applications.
- Contributed to test plans.
- Strong knowledge of Java and C programming languages
- Developed the testing automation framework from scratch.
- Expertise on Selenium technologies like Selenium webDriver, Selenium RC, and Selenium IDE.
- Used POM and data-driven Automation frameworks for application automation
- Experienced in encryption technologies like Symantec, PGP, Vera
- Expertise in Encase Endpoint Investigator Tool used to investigate digital crimes
- Worked on the Sikuli image recognition tool, as well as I also worked on the Winium Desktop automation.

PROJECTS

Forward Deployed   08/2023 – present
This project is forward deployed for easy client onboarding and POCs. Almost all clients of Arcesium are onboarded on FD. A few of the clients are DESHAW, DURABLE, JPM, BLUECREST, RADIX, etc., This project comes up with quick solutions that were requested by clients, which generally takes time for Platform applications to implement.

PerformA   09/2019 – 07/2023
PerformA solves problems around HedgeFund Life cycle management and reporting-related needs. This project is a 10-year-old with a lot of technological enhancements in its journey like Java upgrades, remote repo migrations, daily deployments, high availability setups using k8s with zero downtime, scaling from 1 client to multiple new clients, and adding features as per the new clients.

EDUCATION

B. Tech (Computer Science), *Vardhaman College of Engineering*   2013 – 2017
Hyderabad, India
Secured 74% average over 8 semesters for B Tech in Computer Science

ACHIEVEMENTS

- Achieved a top 5 finish in the CTF-Arcesium for two consecutive years
- Top 3 in Bug Bounty - Arcesium
- Represented my college in ACM ICPC CodeChef regionals