MOHAMED AMAAN

QA ENGINEER

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SUMMARY

Results-driven with over a years of working experience in software engineering and testing. Specializing in test automation, API testing, performance testing and CI/CD integration. Skilled in Playwright, Cypress, Selenium, TypeScript and Java, ensuring software quality in Agile-driven environments. Strong knowledge of QA processes, DevOps, and cloud platforms. Proficient in software quality assurance, test strategies, and automation frameworks to enhance reliability.

WORK EXPERIENCE

Insighture (Pvt) Ltd | Colombo 04, Sri Lanka   *Jan 2025 - Present*

Associate Quality Engineer

- Specializing in UI test automation and quality to enhance software reliability and performance.
- Developed UI automation scripts using Playwright and TypeScript, reducing regression testing time by 40% and increasing test coverage to 95%.
- Developed test automation frameworks and maintained the source codes into **Azure DevOps**.
- Collaborated with development teams to identify the application functionality issues, timely project delivery.
- Contributed to optimizing test execution and deployment processes for software releases.

Insighture (Pvt) Ltd | Colombo 04, Sri Lanka   *Oct 2024 – Jan 2025*

QA Engineer Intern

- Developed UI and API test automation workflows using Playwright, Cypress, using TypeScript, achieving 95% test coverage and reducing critical bugs by 15%.
- Implemented **CI/CD automated pipelines** with **artifact** reporting, and defect resolution using severity-based prioritization, improving high-impact bug fixes by 20% and user experience.
- Designed test plans, created estimates, test cases, and analyzed deployment failures to identify issues and usability testing, Utilizing **Swagger** for API testing.
- Hands-on experience with Kubernetes, and Helm charts while working on the **DevOps automated** platform.
- Conducted the functional testing, regression and User Acceptance testing with cross-functional teams to improve testing strategies, enhance automation frameworks, and software quality improvements.

Harriet Pvt Ltd | Colombo 07, Sri Lanka   *Feb 2024 - Sep 2024*

Software Engineer Intern

- Create backend with **.NET Core** and **C#**, implementing **RESTful APIs** for reliability.
- **Integrated** Payable **payment** gateway using **ASP.NET,** ensuring smooth payment processes.
- Implemented **JWT** authentication via Auth0 for secure user sessions. Worked with Next.js, React.js, Spring Boot, and Flutter.
- Managed **AWS** services including **Amplify**, EC2, RDS, S3, and integrated Strapi CMS.
- Performed code reviews and troubleshooting assistance, ensuring high code quality and delivery of features.

Aegis Lanka (Pvt) Ltd | Colombo 02, Sri Lanka   *Jan 2020 – Jun 2020*

Data Entry Operator

- Collaborated with the team to workflows data entry processes, reducing completion on time.
- Entered and maintained large volumes of data into company databases with a 99% accuracy rate.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, TypeScript, C#

Technologies: Node.Js, .NET Core, React, Next.Js, FastAPI, MERN Stack, REST API, MongoDB, MySQL, PostgreSQL, AWS, Kubernetes, OOP Concept.

Frameworks & Tools: Playwright, Cypress, Selenium, TestNG, JUnit, BDD Cucumber, Appium, Postman, K6, JMeter, Swagger, JIRA.

Build & CI/CD: Maven, Jenkins, Git, GitHub, GitLab, GitHub Actions, Docker, Kubernetes, Azure DevOps

Other: Regression Testing, Sanity Testing, Integration Testing, Performance Testing, Usability Testing, UAT, Defect Tracking, Manual Testing, Agile/ Scrum Methodologies

EDUCATIONS

Msc in Information Technology   *Mar 2025 - Present*

Westminister University (IIT)

BEng (Hons) in Software Engineering   *Feb 2020 - Jan 2024*

London Metropolitan University (UK)   GPA - 3.9/4.2

Royal College   *2006 - 2019*

Primary to Secondary Education

CERTIFICATIONS

- ISTQB Foundation Level - *Scheduled for May 2025*

REFERENCES

- References available upon request.