

Shakheer Mulla

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Professional Summary

Detail-oriented **QA Automation Engineer** with **3.7+ years of experience** designing, developing, and executing automated frameworks for web and API applications. Skilled in Selenium WebDriver, Java, TestNG, Maven, and BDD Cucumber, with proven results in API testing, database validation, and service virtualization. Delivered measurable improvements in test coverage and execution efficiency while collaborating in Agile teams to ensure high-quality, defect-free software releases.

Technical Skills

- **Automation Testing:** Selenium WebDriver, TestNG, Maven, BDD Cucumber, Docker
- **Manual Testing:** Functional, Regression, Smoke, Sanity, Database Testing
- **API Testing:** Postman, Insomnia, Swagger, Service Virtualization
- **Languages:** Java, JavaScript, SQL, C, C++
- **CI/CD Tools:** Jenkins
- **Version Control:** Git, GitHub
- **Database:** MySQL, Oracle SQL Developer
- **Test Management & Agile:** JIRA (Scrum)

Professional Experience

Programmer Analyst (Jr SDET)

Cognizant | Dec 2021 – Present

- Designed and maintained Selenium WebDriver automation frameworks with TestNG and Maven, increasing regression test coverage by **40%** and reducing execution time by **30%**.
- Developed and executed BDD test cases with Cucumber, enabling early defect detection and improving stakeholder confidence by **25%**.
- Led API testing with Postman and REST Assured, integrating validation of RESTful services into automation suites and reducing API testing efforts by **45%**.
- Implemented service virtualization stubs for microservices, reducing environment dependencies by **50%** and improving parallel development efficiency.
- Reduced manual testing effort by **60%** through reusable automation scripts, freeing capacity for exploratory testing.
- Identified and supported the resolution of **150+ defects** across web and API applications, raising product quality and user satisfaction.
- Participated in Agile ceremonies, collaborating with developers and product owners to define acceptance criteria, test strategies, and plans.
- Conducted shakeout testing for microservices, preventing **20%** of post-deployment defects.
- Developed reusable utilities for data validation and SQL automation, reducing DB testing time by **35%**.
- Contributed to continuous integration pipelines with Jenkins and Git, decreasing post-build validation efforts by **90%**.

Projects

- **Attendance App (Android Application)**
 - Designed and built a student attendance tracker using Android Studio (XML for UI, Java for backend), with data stored in SQLite.
- **E-Commerce Website (Web Application)**
 - Developed an e-commerce site with HTML, CSS, and JavaScript frontend, and PHP with MySQL backend.

Certifications

- **Jr SDET Certification** – By IIHT
- **AWS Cloud Practitioner** – By AWS
- **Microsoft Certified: Azure Fundamentals (AZ-900)** - By Microsoft

Education

- **Bachelor of Computer Applications (BCA)** | 75%
BLDEA's A S Patil College of Commerce, Vijayapura | Affiliated to RCU | Jun 2017 – Oct 2020
- **PUC Commerce (12th)** | 77%
Loyola PU College, Vijayapura | Karnataka PU Board | Jun 2015 – May 2017
- **SSLC (10th)** | 60%
V B Darbar High School | KSEAB | May 2014 – May 2015

Soft Skills

- Strong communication and collaboration
- Quick learner and adaptable
- Problem-solving and critical thinking

Declaration

I hereby declare that the information provided above is true and will be completely responsible.

(Shakheer)