Mahaboob Subhani Shaik

SDET Automation Test Engineer

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🪪 PROFILE

Experienced SDET and Automation Test Engineer with 3.8 years in Quality Engineering, focused on designing, developing, and maintaining robust automation frameworks using Selenium, Rest Assured, Cucumber, JBehave, JUnit, and TestNG. Skilled in both API and UI automation, with practical experience building CI/CD pipelines in Jenkins using Groovy. Strong understanding of software testing principles, Agile methodologies, and test lifecycle management. Consistently delivers high-quality software in fast-paced, Agile development environments

💼 WORK EXPERIENCE

December 2021 – present
Hyderabad, INDIA

SDET Software Engineer
HSBC

- Designed and maintained scalable automation frameworks using Selenium WebDriver, Karate, TestNG, Cucumber, and Maven, reducing manual regression effort by 70%.
- Automated validation of SWIFT ISO messages (MT940, MT942, MT999) and CAMT messages (CAMT52/53/54), replacing manual XML comparisons with dynamic, data-driven scripts.
- Led automation of Intraday and EOD payments, batch runs, and advice reports, improving accuracy and reducing manual verification in financial transaction workflows.
- Developed and executed API automation for PSD2/Open Banking using Postman and Karate, covering 150+ endpoints and integrating test suites into Jenkins CI/CD pipelines.
- Queried, validated, and compared backend data from MongoDB and mainframe systems, efficiently handling complex and nested JSON structures.
- Participated in Agile ceremonies, including daily stand-ups, sprint planning, and retrospectives; collaborated with developers and business analysts for requirement analysis and defect triage.
- Tracked, reported, and verified defects using JIRA and ALM Octane, ensuring timely resolution and continuous improvement of test cycles.
- Contributed to peer code reviews, team knowledge sharing, and onboarding of junior automation engineers to maintain quality standards and team productivity.
- Delivered high-quality testing outcomes by adapting between manual and automation testing based on project needs and tight delivery timelines.

🎓 EDUCATION

June 2017 – August 2021
Machillipatnam, India

KRISHNA UNIVERSITY OF ENGINEERING AND TECHNOLOGY
BACHELOR OF TECHNOLOGY
Computer Science Engineering (**CSE**)

🎖 AWARDS

Successful Delivery of ISO 20022 program
Received From HSBC

Circle Of Excellence Award
Received from HSBC

Certificate of Excellence
Received from Exposys Data Labs in "web developer" during Internship

🧠 SKILLS

Programming Languages: Java, SQL, Python (basic), JavaScript (basic) & Groovy
DSA & Problem Solving: Arrays, Strings, Linked Lists, Trees, Graphs, Stack, Queue, HashMap, Sorting, Searching, Recursion, Backtracking, DP, BFS/DFS, Sliding Window, Time & Space Complexity
Databases & Data Handling: MongoDB (data queries, aggregation, comparisons), Oracle SQL Developer, MySQL, JSON, XML
API & Automation Testing: Selenium WebDriver, Karate, Cucumber, JUnit, TestNG, API & Data Validation Automation, UI-Automation (as needed), Postman, Insomnia, Rest Assured, Page Object Model (POM)
Test Management & QA: JIRA, ALM Octane, Test Case Design, Test Strategy, Defect Lifecycle, SDLC, STLC, Agile (Scrum)
CI/CD & DevOps Tools: Jenkins (Groovy), Maven, Git, GitHub, GitLab, TFS, Azure DevOps
IDEs: IntelliJ IDEA, Eclipse

📜 CERTIFICATES

Object Oriented Programming in Java
Authorized by University of California San Diego and offered through Coursera

Amazon Web Services (02/01/2019 – 04/01/2019)
AWS Workshop: Conducted by Andhra Pradesh State Skill Development Corporation