

Manikandan Murugan

📍 Coimbatore ✉ manijm720@gmail.com ☎ +91 8428461180 in Manikandan Murugan

Professional Summary

- **Experienced QA Specialist:** Boasting over 5 years of in-depth experience in both automation and manual testing, proficient with top-tier tools such as Appium Framework, UFT, Selenium, and Robot Framework. Expertise in executing Functional, Regression, End-to-End, and Smoke Testing.
- **Automation and Development Proficiency:** Skilled in automating web, desktop, and mobile applications using PyCharm and Visual Studio IDEs. Extensive hands-on experience with Python, Core Java, C# and leading frameworks.
- **Advanced Testing Competence:** Demonstrated ability in Analyzing Requirement , Test Design, Test Planning, Test Case Creation, and Execution. Expertise in defect identification, reporting, and resolution, ensuring optimal software performance and reliability.
- **Agile Methodologies and JIRA:** Adept in Agile environments, with substantial experience in using JIRA for comprehensive test and defect management. Proven track record of effective collaboration with clients and development teams to expedite issue resolution.
- **Leadership and Team Development:** Proven leadership skills, effectively managing and mentoring teams of 10-15 members. Expertise in training and developing team capabilities to meet project demands and enhance performance.
- **Client Communication and Issue Resolution:** Strong communicator, proficient in engaging with clients and stakeholders to clarify requirements and resolve issues. Dedicated to delivering high-quality assurance solutions that align with client objectives and timelines.

Skills and Technologies

Database: SQL Server, MySQL

Languages: Python, Core Java, C#

Testing Tools: Appium, Lean FT (UFT), Selenium with Python and Java, Robot Framework, Postman, Visual Studio, PyCharm, RED, JIRA, HP ALM, qTest, Charles Proxy

Others: GitHub, Jenkins, API Testing, Mainframe, DB Visualizer, Gen AI, Prompt Engineering, Langchain.

Training and Development: Technical training, troubleshooting, problem solving

Experience

TATA ELXSI, Senior Engineer

Bengaluru, Karnataka
Aug. 2022 to Present

Project: Sky Go (Client: Sky)

- Role: Project Lead and Scrum Master
- Project Type: Standalone Applications Testing
- Technology and Tools: QoEtient, Python, Gen AI, Charles, Postman, GitHub, Jira
- Conducted Agile ceremonies and determined automation user stories and functional testing and developed automation scripts to meet business requirements.
- Analyzed project and system requirements.
- Designed and executed automated test cases using Python and Appium.
- Led the team in developing automation scripts and ensured understanding of test scenarios.
- Reported and managed defects using JIRA, collaborating with developers and clients for resolution.
- Hosted regular meetings to discuss project status and challenges.
- Maintained test execution results and project trackers in the internal portal.
- Worked with the product team for issue resolution and feature enhancements.

Capgemini, Senior Software Engineer

Bengaluru, Karnataka
July 2019 to Aug. 2022

- **Project: Service Reference File (Client: RBC)**
- Role: Automation Test Lead
- Project Type: Standalone Applications Testing, Batch File Testing, Database Testing, API
- Test Type: Automation and Manual Testing
- Technologies Used: Lean FT (UFT) C#, Python, Postman, Jenkins, GitHub
- Performed functional, regression, and end-to-end testing using Lean FT (UFT) and developed automation scripts for business requirements.
- Logged defects(JIRA) and collaborated with dev and clients to resolve issues.
- Participated in all Agile ceremonies, contributing significantly to automation user stories.
- **Project: Business and Client Relationship Management System (Client: RBC)**
- Role: Automation Tester
- Project Type: Standalone Application Testing
- Test Type: Manual and Automation Testing
- Technologies Used: Lean FT (UFT), Mainframe, DB2
- Conducted manual and automation testing, including functional, regression, and end-to-end testing.
- Designed and developed automation test scripts using Lean FT (UFT).
- Performed functional and data-driven testing in automation.
- Debugged issues in coordination with the development team.
- **Project: Digital Cheque Processing (Client: RBC)**
- Role: Quality Analyst
- Project Type: Standalone Application Automation Testing
- Test Type: Automation Testing
- Technologies Used: Robot Framework, Selenium Web Driver, RED
- Designed and developed automation test scripts using Selenium Web Driver and Robot Framework with Python.
- Created test cases using element objects and Selenium Web Driver methods.
- Performed functional and data-driven testing using automation.
- Collaborated with customers for defect fixes and criticality assessments.

Awards and Certifications

- Oracle Cloud Infrastructure 2024 Generative AI Professional (1Z0-1127-24): June 2024.
- Extra Mile Award: Received for committed deliverables in 2022, 2023 and 2024.
- qTest Specialization Level 1: March 2022.
- Version Control with Git: July 2021.
- Jenkins: Automate Your Delivery Pipeline: May 2021.
- Agile with Atlassian Jira: December 2020.
- ISTQB Foundation Level: November 2019.

Education

BCA Sri Krishna Arts and Science College, Bachelor of Computer Applications

June 2016 to April 2019