Gopalakrishnan P

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Summary

Experienced quality assurance engineer with 9+ years of technical expertise in QA and testing, specializing in test automation design and scripting using Python, C# and Java. Proven leadership skills and strategy to collaborate with stakeholders for fulfilling the business requirements and to implement robust software solutions.

Skills

Test Automation (UI): Selenium, Appium, WinAppDriver, PywinAuto, Squish, Cypress

Test Automation (API): RestSharp, RestAssured

Programming Languages: Python, C# (Csharp), Java

Frameworks: BDD (Behave, Specflow, Cucumber), Hybrid (Data Driven + POM)

Methodologies: Agile, Waterfall

Continuous Deployment: Azure Devops, Jenkins, Docker, Kubernetes

Continuous Integration: Git Version Control, GitHub, Bitbucket

UI Development: Angular, ReactJS, Vue

API Development: FastAPI, NodeJS, Restsharp, Postman, Swagger

Database: Sql Server, PostgreSQL

Defect Management: Azure Devops, Jira

Miscellaneous: Linux, Typescript, TestNG, NUnit, Log4J, Maven, JFrog, Flutter

Achievements and Awards

- ➔ Developed **TAF Manager**, a full stack application in Vue 3 and Python for test design.
- ➔ Received Well Done Champ award for concurrent testing implementation.
- ➔ Developed **Employee portal**, a full stack application in React and NodeJS.
- ➔ Won **First Prize in the Testathon 2021** event conducted at the infosys unit level.
- ➔ Received Crown award for the implementation of Sulu interface.
- ➔ Received Shining Connect Star Award in Infosys.
- ➔ Won **Third Prize in IVS hackathon 2020** conducted at infosys unit level.
- ➔ Received **Finastra Star Award** in the Take Ownership Category
- ➔ **Mentor for Selenium Automation Session** held at the organization level in Finastra.
- ➔ Developed Research BOT for automating data point research activities.

Experience

G5 - Mettler Toledo - Coimbatore
Software Engineer Senior - In Test (June 2023 - Present)
- ➔ Performed desktop application automation testing with Squish and Python.
- ➔ Performed web application automation testing with SeleniumBase and Python.
- ➔ Managed data for test automation in PostgreSQL database.
- ➔ Developed TAF Manager (Vue 3 + Python) web application for test design activities which reduced the test design turnaround time by 40%.

LabX Connected Installer, Mettler Toledo - Coimbatore
Software Engineer Professional - In Test (November 2022 - June 2023)
- ➔ Led desktop application automation testing with PyWinAuto, Python and Behave
- ➔ Planned and achieved 100% coverage of features in test automation.
- ➔ Developed test automation framework for LabX Connected Installer from scratch.

PipetteX, Mettler Toledo - Coimbatore
Software Engineer Professional - In Test (June 2021 - November 2022)
- ➔ Led desktop application automation testing with WinAppDriver, C# and Specflow.
- ➔ Migrated test automation repository from TFS to GitHub.
- ➔ Implemented concurrent testing to enable testing multiple clients simultaneously.

Advance Auto Parts, Infosys - Trivandrum
Test Analyst (September 2020 - April 2021)
- ➔ Led API automation testing with Rest Assured (Java).
- ➔ Led web application automation testing with Selenium and Java.

XPO Logistics, Infosys - Trivandrum
Test Analyst (January 2019 - September 2020)
- ➔ Conducted API automation testing with RestSharp (C#).
- ➔ Participated in frontend web application development with Angular.

Decision PRO, Finastra - Trivandrum
Software Engineer (December 2016 - January 2019)
- ➔ Conducted web application automation testing with C# and Specflow.

Debenhams, UST Global - Trivandrum
Software Developer (March 2015 - December 2016)
- ➔ Conducted web application automation testing with Selenium and Java.
- ➔ Participated in manual testing activities.

Education

Bannari Amman Institute of Technology, Erode
BE - Civil (June 2010 - March 2014)