Pavan U

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PROFESSIONAL SUMMARY

QA Automation Engineer with 3+ years of experience in **Selenium (Java), TestNG, Maven**, and **API testing** using **Postman and RestAssured**. Skilled in designing **scalable automation frameworks**, executing high-coverage regression suites, and integrating tests with **CI/CD pipelines (Jenkins, GitHub)**. Proven ability to **reduce manual testing effort by 40%** and improve **test coverage to 95%+**. Currently expanding skills in modern web automation tools like **Cypress and Playwright**.

EDUCATION

Shridevi Institute of Engineering and Technology   *Tumkur, India*
Bachelor of Engineering in Mechanical Engineering   2014 – 2018

SKILLS

Language	Java (OOPs)
Automation Tools	Selenium WebDriver
Testing Frameworks	TestNG, Maven, Page object model (POM), Key driven and Data driven
API Testing	Postman (CRUD operations, Status code validation)
Version control/CI/CD	GitHub, Jenkins
Defect Tracking	JIRA
Database	MySQL (Basic Operations)
Concepts	SDLC, STLC, Agile, Test Design Technique, RTM, Regression Suite
Learning/Familiar With	Playwright (JS), Cypress (JS), BDD Cucumber, RestAssured

EXPERIENCE

Exigent Services Pvt Ltd   *Bangalore, India*
Senior Software QA Engineer   Jun 2022 – Feb 2025

- Developed and maintained **Selenium TestNG Hybrid Framework** with **POM**, **data-driven** and **keyword-driven** approaches, executing **150+** automated scripts across multiple modules.
- Automated **80+** API endpoints using **Postman** and **Cypress**, performing **CRUD operations** and reducing manual API testing effort by **40%.**
- Executed **3000+** test cases covering **Functional**, **Integration**, **System**, and **Regression** testing with **95%+** test coverage.
- Mentored 1–3 junior QA engineers, improving team efficiency and test quality.
- Logged and tracked **270+** defects in **JIRA**, achieving **95%+** defect resolution rate.
- Integrated automation suite with **Jenkins CI/CD pipelines** for **continuous execution** and **reporting**.

Quest Informatics Pvt Ltd   *Bangalore, India*
Engineer   Dec 2018 – Jan 2020

- Conducted business analysis to optimize processes, strengthening skills in requirement gathering and stakeholder collaboration, foundational for QA roles.

PROJECTS

Hunt-Career – Full Stack Job Aggregator + Test Automation   Mar 2025 – Present

- Developed full-stack application using React, Node.js, Express, and MongoDB.
- Built **Selenium TestNG automation framework**, implementing **POM**, **Excel-based data-driven tests**, **Extent Reports**, and **reusable utilities**.
- Integrated tests with **GitHub** and **Jenkins**, ensuring maintainable and scalable automation.

Contact Management System   Jan 2024 – Feb 2025

- Built a **Cypress** based **API automation suite** reducing the test effort by **40%.**
- Validated **2000+** test cases of **Functional, API and Regression** Test cases with **95%** test coverage.
- Explored for Integrating automation with **Jenkins CI/CD Pipeline** for continuous testing.
- Contributed to high coverage and timely releases with **90% defect closure**.
- Logged **150+** defects in **JIRA.**

Medico-Legal Service System   Jun 2022 – Dec 2023

- Built a **Selenium based Automation framework and Automated core regression** flows for reducing the **manual regression** testing effort by **40%** and saving over **20+** hours of sprint time.
- Improved test quality via regular reviews and **framework enhancements.**
- Created and Executed **1300+** test cases covering **Functional** and **Regression test cases** with **95%** test coverage.
- Logged **120+** defects in **JIRA** with **95% of defect closure.**

ACHIEVEMENTS

- **Awarded the SPOT Award** for exceptional contributions in **API automation**, quality delivery by reducing the **manual effort by 40%**.