**Pavan U**

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**PROFESSIONAL SUMMARY**

Experienced **QA Engineer** with **3+ years of expertise** in **Software Testing (Manual & Automation)** using **Selenium WebDriver, Java**, proficient in developing **robust automation frameworks**, performing **API testing** using **Postman**, and collaborating with the **Agile teams**, Adept at using **JAVA, POM design patterns, GitHub, CI/CD (Jenkins), JIRA and MySQL** to enhance software quality. Proven ability to deliver high-quality testing solutions aligned with project requirements. Currently expanding skillset by learning **Appium** for **Mobile Automation** and **Playwright** and **Cypress** for **Modern Web Automation.**

**EDUCATION**

Visvesvaraya Technological University*Belgaum, India*

**Bachelor of Engineering** in Mechanical Engineering 2014 – 2018

**SKILLS**

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| **Software Testing** | Manual Testing, Automation Testing (Selenium, JAVA), SDLC, STLC |
| **Automation Tools** | Selenium WebDriver, JAVA |
| **API Testing** | Postman (CRUD operations, Status code validation), Cypress (API Automation) |
| **Programming language** | Java (OOPS concept - Class, Object, Inheritance, Polymorphism, Abstraction, Encapsulation) |
| **Testing Frameworks** | Page object model (POM), TestNG, Maven, Key driven and Data driven |
| **Database** | My SQL (Basic Operations) |
| **Version control** | GitHub |
| **Bug tracking tool** | JIRA |
| **CI/CD** | Jenkins |
| **Recently Built With** | Playwright (JS), Cypress (JS) |

**SELF INITIATED PROJECT**

**Self-Project: Hunt-Career – Full Stack Job Aggregator + Test Automation** Mar 2025 – Present

* Developed a full stack job aggregator application (**Hunt Career**) using **React, Node.js, Express and MongoDB**.
* Built **three separate automation frameworks** for end-to-end testing:
  + **Selenium TestNG Hybrid Framework (Java, Maven):** Implemented POM, Excel based Data-Driven Testing, ExtentReports, reusable utilities, TestNG listeners.
  + **Cypress Framework (JavaScript):** Used fixtures for Test data, Mochawesome HTML reporting, Allure reporting, Page Object Model, and Custom commands.
  + **Playwright Framework (JavaScript):** Built CI-integrated framework, cross-browser testing, reusable page objects and playwright HTML reports.
* Applied **POM, Test Data separation and custom utilities** to ensure maintainable and scalable automation across tools
* Used tools like **GitHub and Jenkins for CI/CD and Reporting**

**GitHub:** <https://github.com/Pavan8396/Hunt_Career_Testing.git>

**EXPERIENCE**

Exigent Services Pvt Ltd *Bangalore, India*

**Senior Software QA Engineer**  Jun 2022 – Feb 2025

* **Led QA teams of 3–6 members** across both projects, mentoring junior engineers and **improving team efficiency** by **20%**
* Conducted requirement analysis and created test strategy, ensuring **100% alignment** with **business requirement**
* Developed and maintained **API Automation** framework using **Cypress**, covering **80+ endpoints** by performing **CRUD operations** and reducing manual API Testing time by **40%**
* Developed **150+ test scripts** using **Selenium with Maven, TestNG, and Page Object Model (POM)** in a **Hybrid Framework**.
* Implemented **Data-Driven Frameworks** by integrating **Excel-based test data**; built **reusable libraries** and managed test data efficiently.
* Executed **3000+ test cases**, achieving **95%+ test coverage** across multiple modules and releases, performed **Functional**, **Integration**, **System**, and **Regression Testing**, identifying and automating critical regression suites
* Logged and tracked **270+ defects** in JIRA with a **95%+ resolution rate**, reducing defect turnaround time by **25%**
* Collaborated with cross-functional teams — including **BAs, developers, and product owners** — to clarify requirements, reducing ambiguities and improving quality
* Designed and **reviewed test scenarios and cases** using standard techniques; maintained **Requirement Traceability Matrix (RTM).**
* Utilized **GitHub** for **version control** and **JIRA** for **end-to-end defect tracking**.
* Handled exception scenarios efficiently in automation scripts.

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**

**Contact Management System** Jan 2024 – Feb 2025

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

**[Medico](https://github.com/rishabhnmishra/SQL_Music_Store_Analysis)-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%**.

**PERSONAL INFORMATION**

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| Name | Pavan U |
| DOB | 8th March 1996 |
| Languages | Kannada, English, Hindi |
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