Arunkumar Palani

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Chennai

Summary

Skilled SDET with 4+ years of experience in manual and automation testing for web and mobile applications. Experienced in designing test cases, developing robust automation frameworks, managing defects, and executing complete test lifecycles. Strong domain expertise in E-Commerce, Logistics, and Banking, with hands-on proficiency in Selenium, TestNG, Postman, and Rest Assured for comprehensive functional and API testing. Also experienced in mobile application development and testing, ensuring seamless performance and high-quality deliverables.

Skills

Selenium, TestNG (Test Next Generation), BDD Cucumber, Manual Testing, Mobile testing, Rest Assured testing, GitHub, MySQL, Jira, SDLC & STLC, Postman

Experience

Software Quality Engineer

Infosys • Chennai   06/2022 - Present

- Collaborated with developers and business analysts to analyze requirements, plan test strategies, and create detailed test cases — improving test clarity and increasing requirement traceability by **30%**.
- Conducted **manual and automation testing** for web and mobile applications, ensuring comprehensive **functional, regression, and integration coverage**.
- Designed and developed **Selenium-TestNG automation frameworks** based on the **Page Object Model (POM)** design pattern, leveraging **Git** for version control and team collaboration.
- Implemented **data-driven testing** using **Apache POI API** with **DataProvider annotations** to read and execute test data from Excel for parameterized test execution.
- Performed **API testing** using **Postman** and **Rest Assured**, validating backend reliability, response accuracy, and integration consistency.
- Utilized **JIRA** for bug tracking, test execution, and sprint monitoring while actively participating in **Agile/Scrum ceremonies** to ensure timely and quality releases.
- Collaborated with **Logistics, Banking, and E-Commerce clients** to automate critical workflows (booking, auto-freighting, and core banking) and perform **UI and API testing**, ensuring seamless front-end and robust back-end performance.

Software Engineer L1

Accubits Technologies Inc • Tiruvandrum, India   09/2021 - 06/2022

- Developed **cross-platform UI components** for a **Web3 application** using **React Native** and built a **blockchain app** supporting cryptocurrency sending, receiving, and staking functionalities. Integrated **Razorpay payment gateway** and implemented **smart contracts** to enable secure crypto transactions.
- Created **interactive 3D PoCs** using **Babylon.js** to demonstrate real-time model rendering and interaction.
- Performed **unit testing and manual validation** of mobile modules to ensure stability, covering **component rendering, navigation flow, API handling, input validation,** and **UI responsiveness** across devices.

Education

Bachelor's of Engineering in Electronics and Communication

Dr. Sivanthi Adithanar College of Engineering • Tamilnadu, India   06/2021