LIKITHA PULLURU

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Summary

Software Engineer with experience in full-stack development and test automation, specializing in **Java, Selenium, Cucumber, React.js, Python and SQL**. Built and optimized **RESTful APIs**, developed scalable applications, and improved CI/CD pipelines for efficient deployments. Achieved 95% test coverage and enhanced release efficiency by 30% through automation. Skilled in **Agile workflows, SDLC, DevOps tools, and cloud technologies**, ensuring high-quality software solutions.

Education

Indiana University - Purdue University Indianapolis	Indianapolis, IN
Master of Science - Computer & Information Science	Jan 2023 - Dec 2024
CVR College of Engineering	India
Bachelor of Technology - Electronics & Communication Engineering	Aug 2016 - Aug 2020

Experience

Software Engineering Analyst — Jun 2022 - Dec 2022
Accenture — India

- Developed automation framework & tests by implementing **POM with Selenium, and TestNG,** which improved release efficiency by 30% and reduced post-release defects by 95%, optimizing CI/CD pipelines using **Jenkins and Maven.**
- Developed and executed **SQL-based** test cases to verify backend data, improving data accuracy by 30%.
- Conducted **performance testing with JMeter**, to validate system scalability and reliability.
- Led collaboration efforts with cross-functional teams in an **Agile environment, leveraging CI/CD pipelines** to improve deployment efficiency by 25% and reduce integration issues.
- Ensured high-quality releases and optimal user experiences across **mobile devices, including iPads**, by executing test plans and test cases for mobile applications.
- Validated RESTful APIs with **Postman & REST Assured**, ensuring correct request/response structures.
- Developed and executed automation tests for **E-Commerce and Saas applications** like **ServiceNow**, ensuring seamless integration, workflow automation, and system efficiency through **unit, UAT, functional, regression, and end-to-end** testing.

Software Engineering Associate — Sep 2020 - May 2022
Accenture — India

- Achieved 98% coverage by designing and executing manual & automated test cases, and identifying **edge cases** while using **Selenium, Java, TestNG, and BDD (Cucumber with Gherkin).**
- Reduced post-release defects by 95% through regression and sanity testing and optimized CI/CD pipelines with Jenkins and Maven.
- Performed cross-browser testing using **Selenium Grid** to ensure consistent application behavior across multiple browsers, improving test coverage by 30% and reducing browser-specific issues.
- Facilitated team collaboration utilizing **Git** for version control, **Jira** for task management, and **Azure Devops** for project management, leading to a 15% improvement in development speed and ensuring 100% on-time deliveries.

Projects

Student Course Enrollment System | *Java (Spring Boot), MySQL, React.js*
- Developed a Course Enrollment System with **Spring Boot and React.js.**
- Implemented student authentication, enrollment tracking, and **RESTful APIs.**
- Used **MySQL** database for managing students and courses.

Movie Search App | *React.js, JavaScript, CSS, API Integration (TMDb API)* | *Link*
- Built a Movie Search App using **React.js and TMDb API** to fetch real-time movie data
- Built with React.js for the frontend, JavaScript for handling user interactions and dynamic updates, and integrated the TMDb API for fetching movie data, implementing **Axios to manage API requests.**

E-Commerce Mobile App Test Automation | *Appium, Java, TestNG, Selenium, Android Emulator, API Testing*
- Automated a e-commerce mobile application using **Appium and Java** to validate UI elements and functionality
- Performed API testing using **Rest Assured** for backend validation and database consistency checks
- Executed tests on real devices and emulators using **Android Emulator**, optimizing automation framework for reusability

Technical Skills

Languages: Java, Python, SQL,C, JavaScript, HTML/CSS, JSON, Gherkin
Frameworks:Selenium, Cucumber, Appium, React, Node.js, JUnit, TestNG, BDD, TDD
Developer Tools & OS: Eclipse, Git, TFS, Visual Studio, Azure Devops, Jenkins, Jira, Confluence, PyCharm, Jupyter Notebook, MySQL, MacOS, Windows, Linux, Unix, Spring, Maven, AWS, MongoDB, Postman