

Pulletigurthi Hemanth

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Professional Summary

Software Development Engineer in Test (SDET) with 3 years of experience in automation and manual testing. Proficient in Selenium WebDriver, BDD (Cucumber), TestNG, Rest Assured, and Core Java. Skilled in requirement analysis, test case design, bug tracking, and defect reporting. Strong exposure to Agile methodologies and CI/CD environments. Experienced in Banking domain projects and adept at ensuring software quality through functional, regression, integration, and API testing.

Key Skills

Automation Testing: Selenium WebDriver, TestNG, Cucumber (BDD) Junit, Rest Assured

Manual Testing: Functional, Regression, Integration, Smoke.

API Testing & Tools: Postman, Rest Assured.

Frameworks: Page Object Model (POM), BDD with Cucumber

Programming: Core Java,

Test Management: JIRA, ALM,

Cloud Platforms: AWS, Microsoft Azure, Google Cloud Platform

Professional Experience

Wipro Ltd. | Software Development Engineer in Test (SDET)

Dec 2022 – Present | Visakhapatnam

- Designed and implemented automation test scripts for web and API applications using Selenium WebDriver, Java, Rest Assured, and TestNG.
- Developed BDD frameworks with Cucumber to improve collaboration between QA, Developers, and Business stakeholders.
- Performed functional, regression, and integration testing for client applications in the **Banking domain**.
- Automated REST API test scenarios with dynamic JSON payloads and schema validation.
- Participated in Agile ceremonies: sprint planning, daily stand-ups, retrospectives.
- Logged and tracked defects using JIRA, ensuring timely resolution.
- Conducted manual testing for complex scenarios not suitable for automation.

Intern | Wipro Ltd.

Jan 2022 – Mar 2022 | Hyderabad

- Built an online pizza ordering system using Java J2EE during training.
- Completed a 6-week Microsoft Azure internship, gaining exposure to cloud-based application deployment and AI solutions.

Project Experience – Wipro

Project 1: Banking Domain UI Testing (Web Application Interfaces)

- Wrote feature files and scenarios to test user interface flows such as login, user profile validation, and data entry forms.
- Designed and executed UI test cases to verify input fields, error messages, and navigation consistency.
- Ensured cross-browser compatibility and validated responsiveness across desktop and mobile platforms.
- Debugged and refined front-end test scripts, improving usability and user experience validation.
- Collaborated with developers to align UI testing with backend functionality for seamless integration.
- Achievement: Improved UI defect detection rate by 25%, ensuring smoother user experience and reducing post-release issues.

API Automation Framework (BDD Cucumber + Rest Assured)

- Built and maintained an API automation framework using Cucumber BDD with Rest Assured for functional and regression testing.
- Authored feature files and scenarios to validate critical API endpoints such as account creation, transactions, and data retrieval.
- Planned and designed test cases aligned with requirement specifications and acceptance criteria.
- Managed and refactored existing automation code, rewriting scripts to match updated requirement plans.
- Implemented reusable step definitions and hooks, improving maintainability, and reducing duplication.
- Achievement: Increased API test coverage by 30%, reducing manual regression effort and catching defects earlier in the cycle.

Project 2: Telecom Domain

Manual & API Testing

- Performed sanity, regression, and functional testing of telecom applications across multiple brands.
- Validated features and performed UI checks for customer journeys such as SIM activation, recharge, and plan changes.
- Tested telecom services for 3G, 4G, and 5G SIMs, ensuring compatibility and smooth user experience.
- Conducted KYC verification, SIM swap, and number portability scenarios, ensuring compliance with telecom regulations. Reported defects, tracked resolutions, and collaborated with QA and development teams in Agile sprints.
- Achievement: Reduced post-release defects by 20% through thorough regression cycles and early defect detection.

API Testing

- Executed API testing using Postman and Rest Assured, validating requests, responses, headers, authentication, and error handling.
- Tested network APIs for SIM activation, plan validation, and customer data management.
- Designed and executed test cases for telecom workflows, ensuring accuracy of backend services.
- Verified error codes, response payloads, and authentication mechanisms for critical telecom APIs.
- Achievement: Improved API reliability by identifying and resolving integration issues early in the release cycle.

Documentation & Scope Management:

- Analyze requirement documentation to define project scope and create detailed test plans.
- Translated business requirements into feature files, scenarios, and test cases for both API and UI validation.
- Maintained and updated documentation to reflect changes in scope, ensuring alignment with stakeholders.
- Certification Portals / Validation
- Worked on certification portals for telecom applications, validating compliance with industry standards.
- Conducted end-to-end testing for certification workflows such as KYC verification, SIM swap, number portability, and recycling APIs.
- Ensured certification processes meet regulatory and quality benchmarks, reducing risk of deployment issues.

Additional Responsibilities – Telecom Domain:

- Created and managed test cases in JIRA, mapping them directly to requirement documentation and business scenarios.
- Designed BDD feature files and test scenarios covering telecom workflows such as KYC verification, SIM swap, number portability, and number recycling APIs.
- Prepared and maintained test data sets for multiple environments (DEV, QA, UAT, and Production), ensuring realistic validation of APIs and UI flows.
- Executed production environment API checks for critical services (SIM activation, plan validation, customer data management) to validate live system behavior.
- Collaborated with QA and development teams to refine requirements, align test coverage, and ensure smooth release cycles. •
- Achievement: Enhanced test traceability and coverage by linking JIRA test cases to requirements, reducing gaps and improving audit readiness.

Education

B.Tech – Mechanical Engineering,

Lendi Institute of Engineering & Technology, Vizianagaram | 77.7% | 2022

Diploma – Mechanical Engineering.

Avanthi Institute of Engineering & Technology, Vizianagaram | 80% | 2019 SSC, Aditya EM Public School, Vizianagaram | 75% | 2016

SSC

Aditya EM Public School, Vizianagaram Joined: 2015 | Passed: 2016 | Percentage: 75%

Certifications

- **Google Cloud:** Associate Cloud Engineer, Professional Cloud Architect
- **AWS:** Cloud Practitioner, Solutions Architect – Associate
- **Microsoft Azure:** AZ-900, AI-900, PL-900, AI-102

Internal Trainings in Wipro:

- Successfully completed high-demand skills in MySkillz:
- Behavior Driven Development (BDD) L1
- Building REST APIs and REST API Automation using Rest Assured Java
- JAVA-SELENIUM API RESTASSURED L2
- Oracle SQL L1 & L2, GitHub Copilot L2
- Advanced Selenium WebDriver with Java and TestNG
- Java-Selenium API Rest Assured L1 & L2, Java Selenium Cucumber BDD L1 & L2
- Core Java L1 & L2
- Selenium L1, L2 & L3
- Tosca L1 and L2 (Training In progress)
- SDET L1 AND SDET L2
- Application testing L1 and L2

Internal Successfully completed high demand skills in MY-SKILLZ:

- Behavior Driven Development (BDD) L1
- Selenium L1.
- Selenium L2.
- SDET L1
- SDET L2.
- Core java L1.

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place: Visakhapatnam

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