

BANDI NAVEEN REDDY

SENIOR SOFTWARE ENGINEER

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HYDERABAD, INDIA, 500032

OBJECTIVE

Experienced automation engineer with 2.6 years in software testing. Expertise in mobile, web, and API automation, adept at building robust frameworks. Skilled in TestNG, JUnit, Cucumber, and Extent Reports for thorough testing. Proficient in CI/CD tools like Jenkins, Maven, and Git. Strong in code reviews, test planning, and parallel runs for high-quality results. Collaborative communicator with a passion for innovation and dynamic project contributions.

KEY SKILLS

- Automation Testing
- Mobile, Web, and API Automation
- TestNG
- JUnit
- Cucumber
- Extent Reports
- Jenkins
- Maven
- Git
- Code Reviews
- Test Case Planning
- Parallel Test Execution
- Client Collaboration

EXPERIENCE

Senior Software Engineer | Capgemini | Hyderabad

HSBC Digital Business Banking

- **Project Overview:** Leading automation efforts for HSBC Digital Business Banking project, focusing on enhancing the efficiency and reliability of software testing processes across web, API, and mobile platforms.
- **Responsibilities:**
 - Designed and implemented robust automation frameworks using JUnit, TestNG and Cucumber to ensure comprehensive test coverage and accurate reporting.
 - Managed continuous integration and delivery pipelines using Jenkins, Maven, and Git to facilitate seamless collaboration among development teams.
 - Conducted code reviews and collaborated closely with team members to maintain the highest standards of software quality.
 - Completed over 300 end-to-end test cases covering web, API, and mobile automation, ensuring thorough validation of system functionality.
 - Executed contract API validation to verify adherence to specified requirements and standards.
 - Automated end-to-end payments processes, including validation of payment creation and verification in activity history logs.

- Developed and executed mobile automation tests, creating card end-to-end journeys and user activation tests to ensure a seamless user experience.
- **Achievements:**
 - Successfully implemented parallel test execution strategies, resulting in a significant reduction in test cycle times and improved overall efficiency.
 - Introduced automated reporting using Extent Reports, providing stakeholders with clear and concise insights into test results and project status.
- **Challenges:**
 - Overcoming compatibility issues between different versions of software libraries and tools to ensure smooth execution of automation scripts.
 - Addressing scalability concerns in automation frameworks to accommodate the growing complexity of the project.
- **Technologies Used:** Junit, TestNG, Cucumber, Extent Reports, Jenkins, Selenium, Java, Appium, Rest Assured, Maven, Git.

HSBC Sales and Suitability

- **Project Overview:** Leading automation efforts for HSBC Sales and Suitability project, focusing on enhancing the efficiency and reliability of software testing processes across web application.
- **Responsibilities:**
 - Designed and implemented robust automation frameworks using Junit, TestNG and Cucumber to ensure comprehensive test coverage and accurate reporting.
 - Managed continuous integration and delivery pipelines using Jenkins, Maven, and Git to facilitate seamless collaboration among development teams.
 - Conducted code reviews and collaborated closely with team members to maintain the highest standards of software quality.
 - Completed over 50 end-to-end test cases covering web automation, ensuring thorough validation of system functionality.
 - Automated Different types of accounts like Business over draft, Insurance, Short term and Long term onboardings.
- **Achievements:**
 - Successfully implemented parallel test execution strategies, resulting in a significant reduction in test cycle times and improved overall efficiency.
 - Introduced automated reporting using Extent Reports, providing stakeholders with clear and concise insights into test results and project status.
- **Challenges:**
 - Overcoming compatibility issues between different versions of software libraries and tools to ensure smooth execution of automation scripts.
 - Addressing scalability concerns in automation frameworks to accommodate the growing complexity of the project.
- **Technologies Used:** Junit, TestNG, Cucumber, Extent Reports, Jenkins, Selenium, Java, Maven, Git.

HSBC Business Onboarding System

- **Project Overview:** Leading automation efforts for HSBC Business Onboarding System project, focusing on enhancing the efficiency and reliability of software testing processes across web application.
- **Responsibilities:**
 - Designed and implemented robust automation frameworks using Junit, TestNG and Cucumber to ensure comprehensive test coverage and accurate reporting.
 - Managed continuous integration and delivery pipelines using Jenkins, Maven, and Git to facilitate seamless collaboration among development teams.

- Conducted code reviews and collaborated closely with team members to maintain the highest standards of software quality.
- Completed over 20 end-to-end test cases covering web automation, ensuring thorough validation of system functionality.
- Automated Different types of accounts Business Creditor Account, Business Charitable accounts.
- Automated Accounts onboarding, retrieve, self-authenticate processes.
- **Achievements:**
 - Successfully implemented parallel test execution strategies, resulting in a significant reduction in test cycle times and improved overall efficiency.
 - Introduced automated reporting using Extent Reports, providing stakeholders with clear and concise insights into test results and project status.
- **Challenges:**
 - Overcoming compatibility issues between different versions of software libraries and tools to ensure smooth execution of automation scripts.
 - Addressing scalability concerns in automation frameworks to accommodate the growing complexity of the project.
- **Technologies Used:** Junit, TestNG, Cucumber, Extent Reports, Jenkins, Selenium, Java, Maven, Git.

HSBC EAPI

- **Project Overview:** Leading automation efforts for HSBC EAPI project, focusing on enhancing the efficiency and reliability of software testing processes across web application.
- **Responsibilities:**
 - Designed and implemented robust automation frameworks using Junit, TestNG and Cucumber to ensure comprehensive test coverage and accurate reporting.
 - Completed over 30 end-to-end test cases covering web automation with API validations ensuring thorough validation of system functionality.
 - Automated Different types of APIs with contract.
 - Automated Statements, Full Transfer, Quick Transfer, Accounts API calls.
 - Validated each API requests, responses, and schema validations.
- **Achievements:**
 - Successfully implemented parallel test execution strategies, resulting in a significant reduction in test cycle times and improved overall efficiency.
 - Introduced automated reporting using Extent Reports, providing stakeholders with clear and concise insights into test results and project status.
- **Challenges:**
 - Overcoming compatibility issues between different versions of software libraries and tools to ensure smooth execution of automation scripts.
 - Addressing scalability concerns in automation frameworks to accommodate the growing complexity of the project.
- **Technologies Used:** Junit, TestNG, Cucumber, Extent Reports, Jenkins, Selenium, Java, Maven, Rest Assured, Git.

HSBC Open Banking

- **Project Overview:** Played a key role in automation testing for HSBC Open Banking project, focusing on API automation with UI integration. Led the creation of end-to-end payments journeys for various payment types including AISP, COF, SIP, FDP, BACS, and IP. Completed 150 end-to-end scenarios and 200 API validation scenarios using RestAssured library. Additionally, implemented mobile automation using Appium for iOS and Android platforms, creating 40 end-to-end scenarios with parallel execution.
- **Responsibilities:**
 - Implemented API automation tests using RestAssured library, covering various payment types such as AISP, COF, SIP, FDP, BACS, and IP, ensuring comprehensive validation of API functionalities.
 - Integrated UI automation with API calls to create end-to-end payments journeys, ensuring seamless user experiences for different payment scenarios.
 - Conducted API validation scenarios to verify the accuracy and reliability of API responses across different payment types.
 - Utilized Appium for mobile automation, creating 40 end-to-end scenarios for iOS and Android platforms, and implemented parallel execution for efficient testing.
 - Collaborated closely with team members to ensure the successful execution of automated tests and adherence to project timelines.
- **Achievements:**
 - Successfully completed 150 end-to-end scenarios and 200 API validation scenarios, ensuring thorough validation of the payment processing system across various payment types.
 - Implemented parallel execution for mobile automation, enhancing testing efficiency and reducing testing time for iOS and Android platforms.
- **Challenges:**
 - Overcoming integration challenges between API and UI automation frameworks to ensure seamless communication and data synchronization.
 - Addressing compatibility issues between different mobile devices and operating systems to ensure reliable mobile automation testing.
- **Technologies Used:** Rest Assured, Selenium, Appium, API Testing Frameworks, UI Automation, TestNG, Java

EDUCATION

Bachelor of technology in Mechanical Engineering,
Sasi Institute of Technology and Engineering, Tadepalligudem
2020.

CERTIFICATION

- Basic Java Certification, Hacker Rank

- Agile Software Development, Coursera
- Selenium Automation Framework from Scratch, Coursera
- Maven Project Execution through Jenkins, Coursera

AWARDS

- Received H1 Raising star award for outstanding performance in 2023 H1.

LANGUAGE

- English
- Telugu