

SAHITYA PECHETTY

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SUMMARY

Detail-oriented Test Engineer with 2+ years of experience in software quality assurance, specializing in test automation, API testing, and CI/CD integration. Proficient in Python scripting, SQL framework, API automation with Rest Assured, and database management (Oracle SQL). Experienced in designing and executing test cases, debugging issues, and optimizing automation frameworks. Strong knowledge of test planning, functional testing, and BDD frameworks like Pytest and Cucumber. Adept in working with Jenkins for CI/CD integration and hands-on experience in Linux and shell scripting. Passionate about delivering high-quality software solutions with a focus on efficiency and reliability.

WORK EXPERIENCE

Dec 2022 - Present

Test Engineer - ERICSSON, Bengaluru

- Designed and executed comprehensive test cases, scripts, and plans for functional and regression testing, ensuring applications met quality standards.
- Conducted both manual and automated testing activities, including test execution, test planning, bug verification, debugging, and defect identification.
- Focused on manual testing of SIP call flows, ensuring accuracy and reliability in communication systems.
- Wrote and maintained test cases based on High-Level Design (HLD) and Low-Level Design (LLD) documents, ensuring alignment with technical specifications.
- Led continuous regression testing to ensure application stability, security, and overall performance.
- Developed and implemented test automation strategies, creating Pytest scripts and frameworks that enhanced testing efficiency and effectiveness.
- Collaborated with cross-functional teams to identify, troubleshoot, and resolve software defects, ensuring timely delivery of high-quality solutions.
- Participated in Agile sprint planning, code reviews, and retrospectives, contributing to iterative improvements and seamless development cycles.
- Integrated automated test frameworks with Jenkins CI/CD pipelines, improving deployment efficiency.
- Worked extensively on Linux shell scripting for automation and test execution.

SKILLS

- Testing Expertise: Experienced in Test Planning, Test design, Bug reporting, Defect Tracking, Defect Life Cycle, Root Cause Analysis and Test result analysis.
- Automation and Tools: QTest, Jenkins (CI/CD Integration), GitHub .
- Project Management: Agile and Waterfall Methodology
- Proficiency: STLC, SDLC, Python, SQL, Linux, Jira, writing and executing and scripting test cases.
- Test Frameworks: Pytest,
- Testing Methodologies: Functional Testing, Regression Testing, Performance Testing.
- Defect Tracking Tools: JIRA
- Analytical Skills: Problem-solving and Analytical Thinking
- Programming Languages: Python (NumPy, Pandas), SQL
- Data Analysis Tools & Technologies: Power BI ,Machine Learning, Matplotlib, Seaborn

KEY ACHIEVEMENTS

- Identified and resolved high-severity defects, ensuring zero major post-production issues in multiple projects.
- Recognized for streamlining testing processes, reducing manual efforts by 50% and improving overall team productivity by automating the scripts using pytest framework and integrated it with jenkins to publish results on to Qtest.

EXTRACURRICULAR ACTIVITIES

- **Certifications:** ISTQB Certified

EDUCATION

Amrita School of Engineering, Bangalore

Bachelor of Technology (B.Tech) in Electrical and Electronics Engineering

2018 – 2022 | CGPA: 7.2