# Pavani Kaka

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## Experience Summary:

- Have 5.2 years of Experience in the Software Industry in both **Test Automation** and Functional **Testing.**
- Currently working with **X-YUG TECHNOLOGIES PVT LTD** as a QA Lead from October 2023 to Present
- Worked with **Value Information Technology Solutions Private Limited** as a Software Engineer from July 2019 to Aug 2023.
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## Career Summary:

- I have around 5+ years of experience in software testing for web-based, client-server applications using manual and automation testing techniques.
- Well-versed in Manual testing techniques and methodologies.
- I extensively used automated test tools like Selenium for Functional and Regression Testing.
- Expert in developing Automation frameworks using Selenium Web Driver and J2EE.
- Excellent experience with Unit Testing Frameworks like JUnit and TestNG.
- Good Knowledge on using BDD Frameworks like Cucumber.
- Good experience on Build and Configuration Tools like ANT and MAVEN.
- Expertise in writing Test strategy, Test Plan Preparation and Implementation, Test Case Design, Test Tool usage, Test execution, Defect Management, and Defect Tracking.
- Experience in various financial domain and Health domains.
- Experience in SDLC like Agile (Scrum), Waterfall and V-model
- Experienced in complete Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC) and Bug Life Cycle
- Adept in identifying Test Scenario and Writing Test Cases by applying Test Case Design Techniques
- Extensively worked on various Testing types such as Integration, System, Functional, Regression, Sar Smoke, User-interface (GUI), Database and US acceptance Testing (UAT).
- Working experience with defect tracking tools like Jira, and Test Director/Quality Center (QC), and Team Foundation Server.
- Good Expertise in Requirements Analyzing.
- Good experience on Continuous Integration Tools like Jenkins.
- Ability to successfully manage multiple deadlines and multiple projects effectively through a combination of business and technical skills.
- Proficient in the area of Requirements, Analysis, Documentation of Test Strategies, Test Plans, Test Cases, Bug Tracking, and Execution of projects with Manual and Automated Testing Tools using Mercury Interactive Test Suite and Tools.
- Proven ability to work efficiently in both independent and team environments.
- Strong knowledge in web services testing via Tool SOAP UI/ Restful web services
- Proficient in testing databases of applications
- developed with SQL Server, Oracle, and MS Access.
- Strong in writing SQL queries to perform backend data validations.
- Good knowledge and testing experience in Mobile testing.
- Good analytical and communication skills and ability to work independently with minimal supervision and also perform as part of a team.

## Technical Skills:

- Skilled in understanding Software Requirement Specifications and identifying all Possible Scenarios.
- Good Experience in Writing Test Cases.
- Experienced in, module testing, Integration and System Testing, Regression Testing, Smoke Testing, Sanity Testing Database testing.
- API Testing (Postman).
- Operating Systems: Windows 7 and 10, XP
- Defect Tool: Jira
- Testing: Java with Selenium Web Driver, API Testing
- Languages: Core Java
- Frameworks: Cucumber, JUnit, TestNG, POM
- API Testing Tool: Postman and Rest Assured
- Build Tools: Maven

## Educational Background:

B Tech (CSE) from Chirala Engineering College 2012 TO 2016.

## Functional Experience:

**Project: 2**

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| Project Title | Gold Box, Gold Bharat, Gold ATM |
| Client | Gold Sikka Private Limited |
| Duration | October 2023 to Present |
| Environment | Agile Methodology, Windows 7, Windows 10 |
| Testing Approach | Automation Testing, Manual Testing, API |
| Automation Tool | Selenium Web Driver, Cucumber |
| Programming Language | Java |
| Test Management Tool | Jira, ALM |
| Other technologies | TestNG, Maven, GitLab, Bit Bucket, Jenkins |

**Project Description:**

Gold Bharat aims to bring out the best of technology in the bullion market to create a user-friendly environment for gold and silver trading. The ultimate vision and goal of our company is to bring the associated trust quality and efficiency in the world of bullion

Gold Box makes sure that anyone, regardless of their financial situation, can easily save money in gold. Buying, selling, transferring, and redeeming gold coins is simple with the Gold Box App. Gold Box streamlines the gold investment process, providing a hassle-free experience for users

Gold Sikka Limited launched the world's first real-time Gold ATM in Hyderabad on December 3, 2022, introducing a groundbreaking innovation that serves various purposes, offering simplicity, accessibility 24x7, and the ability to buy gold within diverse budget constraints, Provides real-time gold prices and certified 24-carat gold coins (0.5 gms - 100 gms), and transparent transactions for assured purity.

Roles and Responsibilities:

- Conducting manual and automated testing of software applications to ensure they meet quality standards and functional requirements.
- Developing and executing test plans, test cases, and test scripts.
- Identifying and reporting defects and issues in software applications, and working with development teams to resolve them.
- Collaborating with cross-functional teams to ensure software applications are delivered on time and within budget.
- Participating in design and code reviews to ensure software applications are testable and meet quality standards.
- Creating and maintaining test documentation, including test plans, test cases, and test scripts.
- Developing and maintaining automated testing frameworks and tools to improve testing efficiency and effectiveness.
- Conducting performance testing to ensure software applications meet performance requirements.
- Participating in continuous improvement initiatives to enhance testing processes and methodologies.
- Providing feedback to development teams on software design and functionality to improve overall quality.
- Staying up-to-date with industry trends and best practices in software testing and quality assurance.
- Mentoring and coaching junior testers to improve their skills and knowledge in software testing.

**Project: 1**

| Project Title | CBS (Centralized Banking System) |
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| Client | ICICI Bank |
| Duration | July 2019 to Aug 2023 |
| Environment | Agile Methodology, Windows 7, Windows 10 |
| Testing Approach | Automation Testing, Manual Testing |
| Automation Tool | Selenium Web Driver |
| Programming Language | Java |
| Test Management Tool | Jira, ALM |

**Project Description:**

CBS (Centralized Banking System) is a complete web-based and centralized banking solution covering all the functions of a bank. It includes modules like Retail Login, Balance Enquiry, Fund Transfer (NEFT & IMPS), Beneficiary add & delete. Handling exceptions will enhance the Performance of the application and benefit the client.

Banking applications should be able to deliver safe and secure transactions, support and function even with complex business workflows, provide real-time services without any delays while transacting, and perform some transactions in less time for which effective end-to-end software testing of their systems is required.

**Roles and Responsibilities:**

- Involvement in gathering requirements from businesses and transforming them into design artifacts.
- Design and implement a testing methodology to deliver quality products by AGILE practices.
- Develop a test plan and implement it accordingly.
- Develop test cases and run them based on the user story.
- Develop automation scripts and maintain scripts that run according to the requirements of the end user.
- Automated and converted Manual Test Cases into Automation scripts and executed them using the Robot Framework Automation Tool.
- Developed API automation scripts to validate all APIs and created an API health check process to reduce manual intervention to check API status.
- Reviewing the test results of the unit testing to make sure the build is all ready for testing in the test environment.
- Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex SQL queries from SQL Server.
- Working in an Agile environment on testing iteratively against newly developed code until quality is achieved from an end user's perspective.
- Conducting Regression, Smoke, Sanity, Functional, Integration, Acceptance, And Compatibility testing in QA and PRE-PROD environments.
- Analyzing requirements design documents, and formulating test strategy and test plans for functional testing of the application.
- Involved in all QA Documents Test Plans, Scenarios, RTM, Test Case Design, Peer Reviews, and Test execution Subject Matter Expert (SME) for Pharmacy web-based applications in Meijer.
- Estimates the size and complexity of the work based on the specification of requirements.
- Conduct defect triage calls and project meetings.
- Troubleshoot performance issues raised by end users.
- Provide an effective solution to the client by discussing and analyzing the Root Cause Analysis provided by the team regarding any reported issue.
- Provide knowledge transfer on application management and post-go-live support to end-users.
- Follow the agile methodologies, and scaled agile framework in the testing and development of work products.
- Participate in agile sprint planning, daily scrum, sprint review, and sprint retrospective meetings.
- Facilitate demos to the product owner at the end of every sprint.

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