

PANKAJ GIRI

Software Test Engineer

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PROFESSIONAL SUMMARY

- **3.5 years** of experience **Manual software testing** of web based and client server applications.
- **2+ years** of experience in **API testing** using **Postman** tool.
- **1+ year** of experience in **Test Automation** using **Selenium** and **Java**.
- Extensive working experience on all phases of **Software Development Life Cycle (SDLC)**, its methodologies such as **Agile and SCRUM - process**.
- Extensive experience in reviewing and **analyzing** Business **Requirements** and creating **Test Cases, Test Scripts, Test Estimation & Requirement Traceability Matrix (RTM)**.
- Professional expertise in **Smoke Testing**, Backend Testing, **Black-Box Testing**, **User Acceptance Testing (UAT)**, **Functional Testing**, Positive/ Negative Testing, **System Testing**, **Regression Testing**, GUI Software Testing, Ad-hoc Testing, **Cross Browser Testing**, UI Validation, Web Services, Performance Testing, **Usability Testing**.
- Familiar with all phases of **Software Development Life Cycle** and **Software Test Life Cycle**.
- Understanding, **Analyzing** and Streamlining **Test Requirements**.
- Knowledge on different Levels of Testing (**Unit Testing**, **Integration Testing**, System Testing and Acceptance Testing).
- Familiar with **Functional** and **Non-functional** Testing.
- Well versed with **Test Documentation** (**Test Scenario**, **Test Case**, **Test Data**, **Defect Report**, and **Test Metrics**).
- Expertise in **Bug Reporting** and **Tracking** using **Bug tracking** tools like **JIRA**.
- Knowledge on **SQL** to conduct **Database Testing**.
- Knowledge on **Test Automation** using tools – **Selenium**, **Cypress**.
- Perform basic **performance testing** using **JMeter** tool.
- Perform basic **security testing** using **OWASP ZAP** and **Burp Suite** tools.

EDUCATION

B.Tech in Computer Science & Engineering
MM University, Mullana - Ambala

Jun 2012 - Oct 2016

SKILLS

- | | | |
|--------------------|---------------|-----------------------|
| ● Manual Testing | ● API Testing | ● Database Testing |
| ● SQL | ● Postman | ● Performance Testing |
| ● Security Testing | ● OWASP ZAP | ● Burp Suite |
| ● Jmeter | ● Jira | ● Automation Testing |
| ● Agile- Scrum | ● Selenium | ● Cypress |

TECHNICAL SKILLS

Languages: Java, Java Script, HTML, CSS, PHP, SQL

Operating System: Windows, MacOS, Linux

DBMS: PostgreSQL, NoSQL(MongoDB)

Technologies/Tools: Jira, Postman, JMeter, Burp Suite, Selenium, Cypress, Cucumber BDD, TestNG

WORK EXPERIENCE

Freelance QA Engineer

May 2024 - Present

Project Title: Mindtap - A Cengage product

Role: Freelance QA Tester

Duration: 2 - 3 Months

Technologies Used: Manual Testing, API Testing using Postman, Selenium and Java etc.

Description: MindTap is an online learning platform developed by Cengage. It's designed to enhance student engagement and learning outcomes by providing a comprehensive suite of tools and resources. MindTap aims to create a more engaging and effective learning environment by combining digital resources with traditional teaching methods. It's a valuable tool for both instructors and students in higher education.

Roles and Responsibility:

- Worked on testbank, reading section, Aplia etc., for instructors and students Modules.
- Conducted comprehensive **manual testing** of the Mindtap platform to ensure a seamless user experience and functionality.
- Developed and executed detailed **test plans** and cases for various modules of the platform.
- Utilized Postman for **API testing**, validating endpoint responses, performance, and reliability to ensure robust integrations.
- **Writing scripts** for repetitive tasks like- login, course addition, testbank addition etc.
- Identified and documented software defects, **collaborated** with **development teams** through **slack** and email to resolve issues promptly, and retested fixes.
- Maintained clear and concise **documentation** of **testing processes**, results, and troubleshooting steps, enhancing the overall **QA workflow**.
- Ensured that the product met the high-quality standards required for release, contributing to improved customer satisfaction and product reliability.

Freelance QA Engineer

Project Title: Bhim UPI

Role: Freelance QA Tester

Duration: 1.5 - 2 Months

Technologies Used: Manual Testing (Exploratory testing and Cross device testing).

Description: Bharat Interface for Money (BHIM) is a payment app that lets you make simple, easy and quick transactions using Unified Payments Interface (UPI). User can make direct bank payments to anyone on UPI using their UPI ID or scanning their QR with the BHIM app. User can also request money through the app from a UPI ID.

Roles and Responsibility:

- **Understanding** Business **requirements**.
- Performing functional, compatibility, **regression testing & sanity testing**.
- Participated in **identifying** the **test scenarios & designing** the **test cases**.
- Prepared & **executed Test cases** as per system requirements.

Senior Test Engineer

Dec 2021 – Feb 2024

Enthu.AI – Enthuworks Technologies Pvt. Lmt. - Chandigarh/Mohali
Product based **SaaS** startup established in 2020

Description: Enthu.AI is a conversation intelligence platform that analyzes customer interactions to improve contact center performance. The platform provides features such as speech analytics, quality monitoring, and automated sales coaching.

Technologies Used: Java, Selenium, Maven, SQL, Postman, etc.

Role & Responsibilities:

- **Collaborated** with software development teams to **understand project requirements** and **acceptance criteria**.
- **Designed** and **documented test cases** based on functional and non-functional requirements.
- **Executed test cases manually** and documented test results, ensuring thorough coverage of test scenarios.
- **Identified, logged, and tracked defects** using issue tracking systems (e.g., JIRA).
- Conducted **regression testing** to ensure the stability of software releases.
- Participated in **daily stand-up meetings, sprint planning**, and retrospective **meetings** as part of **agile development** processes.
- Assisted in user **acceptance testing (UAT)** and provided support to stakeholders as needed.
- Contributed to improving testing processes and methodologies to enhance overall product quality.
- Designed, developed, and executed **automated** and **manual test cases** for **API testing**.
- Conducted **API testing using Postman**, including creating and executing various request types (GET, POST, PUT, DELETE).
- Collaborated with cross-functional teams to ensure integration and compatibility of APIs with front-end applications.
- Performed **Data driven testing using Selenium WebDriver and TestNG** functions which reads data from property and XML files.
- Performed thorough data validation tests using complex **SQL queries** to verify data consistency across multiple systems.
- Performed data validation tests using **SQL queries** to ensure data accuracy and integrity.
- Used **Maven for building the WebDriver project**.
- Performed **functional testing** of Web services testing using REST UI.
- Performed Smoke, Functional, Regression and Integration testing. **Defect logging in JIRA** and involved in defect triage calls.
- Detecting bugs & classifying them based on severity, priority.
- Participated in **Stand-up meeting, walkthrough meeting**, weekly automation meeting with all other QA, weekly assessment meetings with business analysts and developers.
- Assisted in developing test plans and test cases for new and existing software features.
- Perform performance (Load and Stress) testing using **JMeter** tools.
- Perform basic security testing using **OWASP ZAP** and **Burp Suite** tools.
- Collaborated with product managers and developers to **prioritize testing tasks** and ensure comprehensive **test coverage**.
- Developed and maintained detailed **test plans and test cases**, incorporating feedback from stakeholders and project team members.
- Conducted **exploratory testing** to identify potential usability issues and enhance the overall user experience of software applications.
- **Mentored junior testers**, providing training and guidance on testing methodologies, tools, and best practices.

Role & Responsibilities:

- Collaborated with software development teams to **understand project requirements and acceptance criteria**
- **Designed and documented test cases** based on functional and non-functional requirements
- Executed test cases manually and documented test results, ensuring thorough coverage of test scenarios
- **Identified, logged, and tracked defects** using issue tracking systems (e.g., JIRA)
- Conducted regression testing to ensure the stability of software releases
- **Participated in daily stand-up meetings, sprint planning, and retrospective meetings** as part of **agile development** processes
- Conducted **manual testing of web and mobile applications** to identify defects and ensure
- **Performed Smoke, Functional, Regression and Integration testing.**
- **Defect logging in JIRA** and involved in defect Triage calls
- **Detecting bugs & classifying** them based on **severity, priority**
- **Report and Track bugs using Jira**, ensuring prompt resolution.

LANGUAGES

- English (Fluent)
- Hindi (Native)

CERTIFICATES

- Agile Methodologies.
- End-to-end JavaScript Testing with Cypress.io.