

# SUMIT SAURAV

## SDET ( Software Development Engineer in Test )

Bengaluru

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## SUMMARY

- ❖ **2+ Years Of Hands On Experience in Test Automation , Manual Testing , API Testing , Mobile App Testing , in Company UiPropitomTech , Patna .**

## PROJECTS

- ❖ **Online Learning Management System**

(August/2021-December/2021)

**Testing Areas:** Functional testing for submission processes, performance testing during high traffic, and security testing for file uploads.

**Description:** Test an online platform where students and teachers interact, upload assignments, and review study materials.

- ❖ **Event Management System**

(Jan/2022-September/2022)

**Testing Areas:** Functional testing for event registration, ticket purchasing, and calendar management. Also, test for usability and performance under load conditions.

**Description:** Test an application used for organizing and managing events such as conferences, weddings, or parties. Focus on event booking, managing guest lists, and event schedules.

- ❖ **Online Ticket Reservation System**

(Oct/2022 –Sep/2023)

**Testing Areas:** End-to-end testing from user login to ticket confirmation, payment gateway testing, and validation of ticket availability.

**Description:** Test a web application for booking travel tickets (bus, train, or flights). Focus on user-friendly interfaces for selecting routes, dates, and making payments.

## TECHNICAL SKILLS

- ❖ **AUTOMATION SKILLS**

- 1. JAVA

- Proficient in Java development, with experience in building scalable applications using Spring and Hibernate frameworks.
    - Strong understanding of Java design patterns and object-oriented programming principles.

- Skilled in writing efficient Java code for RESTful APIs and microservices architecture.
- Experienced in using Java for automated testing with frameworks like JUnit and TestNG.
- Knowledgeable in multithreading and concurrency management in Java applications.

## 2. SELENIUM

- Experienced in implementing the Page Object Model (POM) design pattern in Selenium test automation.
- Skilled in writing Selenium scripts with Java for functional and regression testing.
- Knowledgeable in using Selenium Grid for parallel test execution and cross-browser testing.
- Familiar with integrating Selenium test suites with Jenkins for continuous testing in CI/CD pipelines.

## ❖ AI BASED AUTOMATION SKILLS (SCRIPTLESS AUTOMATION)

### 1. FIREFLINK

- Proficient in using Firelink for real-time data streaming and processing.
- Experienced in integrating Firelink with various data sources and sinks for seamless data flow.

## ❖ API TESTING (WEB SERVICES TESTING)

### 1. MANUAL API TESTING

- **Comprehensive API Test Case Design and Execution:** Created and executed detailed test cases for RESTful APIs, covering all aspects including functionality, validation, error handling, and edge cases.
- **API Documentation Review and Test Coverage Enhancement:** Collaborated with development teams to review API documentation and identify gaps or ambiguities.

### 2. API TEST AUTOMATION

- **Automated API Testing Framework Development:** Designed and implemented a robust automated API testing framework using tools like RestAssured and Postman Newman, integrated with a CI/CD pipeline.
- **End-to-End API Automation and Continuous Integration:** Developed and executed automated API test scripts covering a wide range of scenarios, including functional, performance, and security testing.

## ❖ DATABASE TESTING

### 1. ORACLE SQL PLUS

- Having extensive Knowledge in writing **SQL** Queries
- Excellent at Performing '**CRUD**' operations on RDBMS
- Experienced in **Joins**, Sub-Queries for Solving Complex Queries
- Good in SQL concepts like **Pseudo Columns, Grouping and Functions**
- Extensively worked on SQL statements like DQL, DDL, DML, DTL, and DCL
- Hands on Experience in Monitoring **MS-SQL, Oracle SQL**
- Proficient in **Normalization** on database tables.

## ❖ MANUAL TESTING

- Proficient in preparing **Formal Documents** like **Test Plans , Test Cases , Traceability Matrix , Defect Report & Test Execution Report**
- Skilled in **Functional & Non-Functional Testing**.
- Experienced in **Black Box Testing** like (**Functionality Testing, Intergration Testing, System Testing etc..**).

- Having Good Knowledge in **Cross-Browser and Cross-Device Testing(Compatibility Testing)**.
- Good at **SDLC** Models and **STLC** procedures and Implementations.

#### ❖ AGILE METHODOLOGY

- **Active Participation in Agile Ceremonies:** Played a key role in Agile ceremonies, including daily stand-ups, sprint planning, retrospectives, and backlog grooming sessions.
- **Test-Driven Development (TDD) and Continuous Feedback:** Embraced Agile principles by adopting Test-Driven Development (TDD) and ensuring continuous feedback loops.
- **User Story Creation and Prioritization:** Collaborated with product owners and stakeholders to define and prioritize user stories, ensuring they were well-documented, clear, and actionable.
- **Continuous Integration and Delivery (CI/CD) in Agile:** Integrated continuous testing practices within the Agile framework, aligning testing efforts with CI/CD pipelines.

## EDUCATION

### QSpiders / JSpiders , Hebbal , Bengaluru

- Software Testing With Java Automation-SDET  
May/2024 -Present

### AlmaBetter , Bengaluru

- Certification In Full Stack Web Development (MERN Stack)  
Sep/2022 -Sep/2023

### All India Computer Education Mission (AICEM)

- PG DCA in Computer Application  
(June/2107-Dec/2018)  
7.9 CGPA

### Dr. APJ Abdul Kalam Technical University, Lucknow

- BTech in Mechanical Engineering  
August/2013 - June/2017  
7.3 CGPA

## HOBBIES

SINGING , PLAYING CHESS

## LANGUAGE

HINDI , ENGLISH

