**CURRICULUM VITAE**

**SUDHIR KUMAR YADAV**

Noida Sector 27, UP(201301)

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**Github:-** https://github.com/Sudhir3456

***CAREER OBJECTIVE:-***

Recent graduate and Automation Tester skilled in Java and Selenium, committed to developing efficient, high-quality test automation to support software excellence and team growth.

***EDUCATION QUALIFICATION:-***

* Bachelor of Computer Applications from **CCSU Meerut.**

GNIOT Institute of Professional Studies | Greater Noida | 2021-2024

* 12th (science) Passed from **BSEB PATNA** | 2019-2021

***Professional Training:-***

* **SOFTWARE TESTING**training in **QSPIDERS** Noida.

***Software Skills:-***

* Selenium , Java , Eclipse , Git , Github
* API Testing , Manual Testing
* JSON , XML , HTML
* Agile , Jira , Postman
* AI Tolls: ChatGpt , Gemini AI

***Frameworks*:-**

* TestNG
* Data Driven Framework
* Hybrid Framework
* Cucumber BBD

***Skill Set:-***

**Selenium**

* Strong knowledge on **locaters**and**xpath**.
* Having Good knowledge on **Handling multiple elements**.
* Very Good knowledge on **Handling pop-up** and **Handling excel file**.
* Good knowledge on**Handling list box** and **Action class**.
* Expertise in writing **Automation test scripts (xpath, action, TestNG)**.
* Sound Knowledge on **Annotation** and **Assertion.**
* Expertise in developing **functions**for**Framework**.
* Knowledge on **Scheduling Frameworks**and **Execution using Jenkins**.

**Core Java**

* Very strong knowledge on **OOPS** concepts like **Method overloading** and**Method overriding.**
* Good knowledge on**Inheritance,** **Polymorphism.**
* Having good knowledge on**Abstraction** and **Encapsulation.**
* Strong knowledge on**Up casting**and **Down casting.**
* Very good knowledge on **Constructors**and **interface.**
* Good practical knowledge on **Collection Framework** like**List**and**Set.**
* Good in **Exception Handling** and written many custom Exceptions.
* Having basic Knowledge on **Threads.**

**Manual Testing**

* Expertise in **Manual Testing** Skills.
* Very good knowledge on **SDLC, STLC.**
* Good knowledge of **BLACK BOX TESTING**and**WHITE BOX TESTING.**
* Having very good knowledge in **Smoke, Functional, Integration and System Testing.**
* Very good knowledge in **I18N Testing, L10N Testing, Compatibility Testing, Regression Testing, Ad-hoc Testing, Exploratory Testing.**
* Extensive knowledge in **Writing Test Cases, Reviewing Test Cases.**
* Having very good knowledge in **Defect Life Cycle**.

**SQL**

* Good knowledge in writing **SQL queries.**
* Good knowledge in**DDL, DML, TCL.**
* Good knowledge in **Grouping**and**Functions.**
* Having very good knowledge in **Sub-queries**and**Co-Related Sub-queries.**
* Good knowledge in **Joins** and its types.
* Basic knowledge in **Normalization.**
* Practiced extensively on Oracle 10g database.

**Api Testing**

* Hands-on experience in **Script less API test automation** using **FireFlink.**
* Hands-on experience in API testing using **Postman.**
* Good knowledge of **HTTP Methods**.
* Better knowledge of **Client-Server architecture.**
* Validated different **status codes** like 200, 201, 400, 403, 404, 415, 422, 500 etc.
* Knowledge of different types of Parameters.
* Best Knowledge of **JSON & XML.**
* Basic understanding of **Serialization and Deserialization**.
* Very good understanding of the use of **variables**.
* Experience in identifying complex **JSON paths**.
* Very good experience in performing **CRUD operations** for various APIs.
* A better understanding of **SOAP & REST** web service testing.

***Academic projects:-***

**Project Title: opencart Application Automation:**

The opencart Application Automation Project automates user registration, login, and search functionalities using a hybrid framework to enhance application reliability and improve release speed

* Developed a hybrid testing framework, boosting efficiency by 60%.
* Executed 50+ automated test scenarios with a 95% bug detection success rate, cutting manual testing by 60%.
* Integrated data-driven testing for login functionality, validating 50+ user credentials quickly.
* Implemented parallel test execution, halving overall test execution time.
* Executed cross-browser testing, ensuring consistent performance and reducing manual efforts by 60%.
* Conducted functional database testing, enhancing data integrity checks while cutting manual tasks by 50%.
* Managed version control through Git and GitHub, streamlining code reviews and reducing project delays by 30%.
* Incorporated screenshot capturing in tests, decreasing manual verification time significantly.

**Project Title: Hotel Management System:**

A Java-based console application with MySQL backend, aimed at managing hotel reservations.

* Developed modules for room reservation, viewing, and updating, enhancing my programming skills by 35%.
* Created a reservation system for managing 50+ bookings with MySQL.
* Maintained 95% data consistency with real-time updates and integrity checks, improving my data management skills by 30%.
* Optimized queries, increasing data retrieval speed by 25% and boosting database knowledge by 35%.

**Project Title: GitHub API Testing:**

This project focuses on testing the GitHub API to ensure its reliability, performance, and security. By executing a variety of test cases, we strive to enhance the overall quality of the API.

* Hands-on experience in Script less API test automation using FireFlink.
* Validated different status codes like 200, 201, 400, 403, 404, 415, 422, 500 etc.

***EXTRACURRICULAR ACTIVITIES:-***

* Attended a Career Guidance Webinar with **E-Cell IIT Hyderabad** and Skill Dunia Edutech on enhancing career opportunities
* Completed the Postman API Testing Workshop with STAD Solution, focusing on effective use of **Postman for API testing.**

***PERSONAL DETAILS:-***

Father’s Name : Shri Jaynandan Yadav

Date of Birth : 17/08/2003

Nationality : Indian

Gender : Male

Marital Status : Single

Language known : Hindi, English

***DECLARATION:-***

I Hereby declare that every information is true and I am solely responsible for its authenticity.

Date:…………………………………….. (Sudhir Kumar Yadav)

Place:…………………………………….