SAWAN KUMAR

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Summary

Motivated programmer with a strong background in the BFS industry, excelling in deadline-driven environments. Highly skilled in API testing, backend development, and cloud services, with extensive training in Java Rest Assured, Spring Boot, and Cucumber frameworks. Proficient in working with cloud technologies like AWS and continuously expanding knowledge of Docker, Kubernetes, and Jenkins. Adapts quickly to new software packages and technologies, demonstrating expertise in both manual and automated testing processes.

Education

Dr. Shyama Prasad Mukherjee University   Ranchi, India
- MCA| CGPA: 7.9   **July 2019 – August 2022**

Ranchi University, Doranda College   Ranchi, India
- B.SC (IT)| CGPA: 7.9   **May 2016– June 2019**

Skills

- **Programming Language:** Java, Kotlin, Python
- **Framework:** Spring, Android, Cucumber, Rest Assured, Selenium, JUnit, TestNG
- **Tools:** Postman, Intelij, Eclipse, Android Studio, MySQL, PostgreSQL, Jira
- **Platforms:** AWS, Jenkins, Docker, Kubernetes
- **Soft Skills:** Time Management, Team Work, Interpersonal Skill, Communication,

WORK EXPERIENCE

Cognizant | Programmer   **Mar'23 -Present**
- **Domain Expertise**: Currently working in the **Global Banking Services** division of **US Bank**. This includes subdivisions such as Online Banking, Online Trading, Money Transfer, Investments, Mutual Funds, Docs and Share, Equity, and Order Entry.
- Good Knowledge in Software Life cycle and Software development life cycle.
- Experience **API Testing** used Java Rest Assured with cucumber to automate test scenarios and used **Postman** to test API stories manually and Report Defects.
- Strong experience in writing and executing detailed test cases and test design documents for **backend** testing.
- Experience in Automation Test developing, Automation Framework design, API/Web Services testing.
- Involved in weekly/daily Test Execution status meetings to discuss/explain the defects with the development team. Actively participated in Scrum meetings/reviews.
- Collaborated with cross-functional teams to identify and resolve software defects, improving overall product quality.
- Developed and maintained automated test scripts to ensure the quality and reliability of software applications.

Projects

Quiz App (using Spring boot microservice) |Link

Implemented CRUD (Create, Read, Update, Delete) operations to manage data within the project.
- Designed and implemented a robust CRUD operations project using Spring Boot Microservice, providing a scalable and e-client solution for managing data. Leveraged **Spring** Data JPA for seamless integration with the underlying database and ensured adherence to RESTful principles for API development.
- Integrated form validation and error handling mechanisms to enhance data integrity.
- Implementation of **Kafka** for Communication between services.
- Uses **Docker** for Databases (**PostgreSQL**) and Kafka running
- Conducted unit and integration testing to ensure the reliability and stability of the application.
- KEY FEATURES: - RESTful API Development, Database Integration, Validation and Error Handling, integrated with front-end (Android) by Retrofit.

Certifications

Machine Learning (Briztech)|Link   **February 2022**
- Mastered fundamental Python syntax, proficiently utilizing control flow, loops and data structures.
- Learned about machine learning algorithm and ml library like Pandas, NumPy, TensorFlow
- A web application it is built primarily predict the stock market's future price using RNN machine learning algorithm| **Link**

Mobile App Development (Brightcode**)|Link**   **December 2018**
- Mastered fundamental Java syntax, proficiently utilizing control flow, loops and collection frameworks.
- Learned about MVVM, MVC architecture using Kotlin.
- Build an android app that manages the hospital management system added features for making doctor appointment and purchasing pharmacy and blood bank supplies | **Link**