HOOR-UL-AIN

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Professional Summary

Dedicated Software Quality Assurance (SQA) Engineer with hands-on experience in manual and automated testing. Proficient in designing test cases, use case, executing automated scripts using Selenium with Python, API testing with Postman, and cybersecurity testing, including vulnerability analysis. Adept at ensuring software reliability, performance, and security.

Work Experience

SQA Engineer

Symtera Technologies | October 1, 2024 – Present

• Perform manual testing, including functional, UI/UX, and regression testing.

• Develop and execute automated test scripts using Selenium with Python.

• Conduct API testing using Postman to validate endpoints.

• Perform cybersecurity testing, focusing on vulnerability analysis using Kali Linux.

• Prepare detailed test reports and work closely with development teams to resolve issues.

SQA Intern

Bizzclan Software House | August 15, 2024 – September 23, 2024

• Assisted in writing and executing test cases and Use case for web applications.

• Gained experience in Use Cases, test planning, bug reporting, and defect tracking.

Teaching Assistant

Riphah International University | Nov 1, 2023 – June 26, 2024

- Assisted in teaching **Data Structures & Algorithms (DSA) and Object-Oriented Programming (OOP)**.
- Conducted lab sessions and helped students in **debugging and optimizing code**.
- Evaluated assignments and provided feedback to improve students' problem-solving skills.
- Guided students on **best practices in programming and software development**.

Education

Bachelor of Science in Computer Science (BSCS)

Riphah International University | Oct 2020 – July 2024

CGPA: 3.40

Skills

• Manual Testing: Test cases, test execution, defect tracking

• Automation Testing: Selenium with Python (WebDriver, PyTest)

• API Testing: Postman (REST API validation)

• Cybersecurity Testing: Vulnerability analysis, penetration testing, Kali Linux

• Software Development Life Cycle (SDLC) & Testing Life Cycle (STLC)

• Bug Tracking Tools: Jira, Trello

Certifications

• Foundations of Software Testing and Validation (July 2024)

• AWS Academy Cloud Architecting (January 2024)

• AWS Academy Cloud Foundations (September 2023)

• Managing Network Security (October 2023)

• Machine Learning (May 2023)

• Blockchain Platforms (May 2023)

• Oracle Database Foundations (June 2022)

• Oracle SQL Basics (June 2022)

• Introduction to IoT and Embedded Systems (June 2022)

Projects

• **Orphanage Management System (FYP) – Laravel, MySQL**

• Library Management System Database – Oracle

• Online Selling Store Website – PHP, Oracle

• Image Classification Using CNN – Python, Jupyter Notebook

Languages

• Python, SQL, C++, Java, PHP

• English (Proficient)