Zehra Khatoon

Software Quality Engineer

Lucknow, India | 7754023067 | zehra.khatoon1807@gmail.com | www.linkedin.com/in/zehra-khatoon/

PROFILE SUMMARY

Dynamic and results-oriented Test Automation Engineer with overall 3.3 years of experience in designing, implementing, and optimizing automated systems. Proven track record of spearheading complex projects from inception to successful completion, resulting in streamlined processes and significant cost savings. Proficient in a variety of automation tools and technologies, with a passion for innovation and continuous improvement.

EDUCATION

Bachelor's in Technology (CSE)   Aug 2015 - July 2019
Abdul Kalam Technical University,
Lucknow

TECHNICAL SKILLS

Languages: Java, Python (Basics)
Operating System: Windows
DBMS: MySQL
Tools & Technologies: Eclipse, PyCharm, VS Code, POSTMAN, SOAPUI, GitHub
Automation Frameworks: Selenium, TestNG, Rest Assured (Basics)

WORK EXPERIENCE

Software Quality Engineer   June 2021 - Present
Infosys Private Limited-

- Created and maintained **documentation** for automated systems and processes
- Developed and maintained automated test scripts using Selenium WebDriver and TestNG, reducing manual testing efforts.
- Designed and deployed robust CI/CD pipelines using tools such as **Jenkins** and **GitHub**, resulting in a 40% increase in deployment frequency
- Familiar with project implementation, SDLC coordination with users, user training, documentation and Web based application.
- Provided training and support to team members on **automation tools** and techniques
- **Innovated** and took the initiative to enhance product test coverage and effectiveness by an impressive increase.
- Collaborated closely with **software developers and QA test engineers** to develop tools and streamline processes across various stages

PROJECTS:

Group Function Credit Risk (Role: Generative AI Engineer**)**   July 2024 - Present
Client: Union Bank of Switzerland

- Coding and Development of Gen-AI Chatbot for several Use cases using Python & Retrieved Augmented Generation (RAG) model.

- Developing a text generation model that reduced content creation time and improved quality metrics.
- Conducted regular model evaluations and updates based on the feedback and performance metrics.

PCP API Modernization (Role: Software Development Engineer in Test**)**   Oct 2023 – June 2024

Client: Health Care Services Corporation, UK

- Proposed the creation of comprehensive, intuitive, and scalable automation test cases to ensure and enhance software **quality assurance**
- Created comprehensive API test suites using REST Assured to validate RESTful web services, ensuring API reliability and performance.
- **Resolved challenges** during test framework development through diligent research and problem-solving
- Automated API tests within the CI/CD pipeline, enhancing test coverage and reducing manual testing efforts.

Correspondence & Engagement Management (Role: Test Engineer**)**   May 2022 – Sep 2023

Client: Health Care Services Corporation, UK

- Developed a robust automated testing framework using Selenium, TestNG, and Maven, enabling efficient test script management and execution.
- Enhanced Regression **Test coverage** with each test execution, bolstering overall testing comprehensiveness and effectiveness
- Conducted code reviews and provided feedback to ensure high-quality code standards.
- Integrated the framework with Jenkins for continuous testing and reporting.

Claims System (Role: Quality Engineer**)**   Aug 2021 –April 2022

Client: Health Care Services Corporation, UK

- Developed and maintained automated test scripts using Selenium WebDriver and TestNG, reducing manual testing efforts by 60%.
- **Utilized Selenium automation** to enhance quality assurance testing for UI applications effectively
- Initiated stakeholder discussions, leading to **reduced work backlogs** and improved efficiency
- Created detailed, comprehensive, and well-structured test scripts and test cases.

LANGUAGES

- English (Native)
- Hindi (Fluent)

CERTIFICATES

- Infosys Certified Advance Selenium Automation Tester
- Infosys Certified Global Agile Developer
- Infosys Certified Manual Objective Professional

AWARDS & ACHIEVEMENTS

- Insta Appreciation Award - Infosys (Mar-2023)
- SDET Skill Tag – Infosys (June-2022)
- GRACIAS Badge – Infosys
- Best Team Award by Client: Health Care Services Corporation