Xue Yin

Female｜Age： 38 years old

16 year work experience｜Position： Quality Engineer｜Salary： 40-50K｜City： Hangzhou

Professional Summary

1. With over a decade of experience in software testing, proficient in various functional testing methodologies.

2. Skilled in agile development processes, capable of efficiently adapting to rapidly iterative project demands.

3. Expert in automation testing techniques, effectively enhancing the accuracy and efficiency of testing.

4. Possesses exceptional problem analysis and resolution skills in testing, able to quickly identify and address issues during the testing process.

5. Passionate about computer technology, continuously learning the latest technologies and applying them to practical work, constantly developing and optimizing testing tools to improve work efficiency.

Skills

Python, nginx, redis, k8s, docker

Employment History

MicroStrategy Inc   Quality Engineer   2018.02-Now

Content:

1. Primarily responsible for testing relevant features and automation of the web platform.

2. In charge of the construction and maintenance of the testing environment.

3. Continuously improving testing efficiency through the development of testing tools.

4. Responsible for project follow-up, cross-team communication, and assisting other teams in resolving environmental or customer issues.

Achievement:

1. When encountering blockers, proactively follow up to resolve issues, ensuring that blockers can be lifted within 24 hours (including debugging defects, finding root causes, etc.).

2. Developed a REST API Swagger platform using Flask-RESTful and SQLAlchemy, supporting a series of automated deployments for containers. The APIs and scripts are widely used in the pre-merge pipeline.

3. Developed a log analysis system, utilizing LLM, Redis, Neo4j, and other technologies for categorization and analysis.

4. Developed a code migration system, using AST for code analysis, and employed Streamlit, LangChain, Redis, and ChromaDB to migrate Cucumber code to the WDIO + Jasmine framework.

5. Created a REST API testing framework based on pytest.

6. Assisted in resolving service errors encountered by customers in production or issues arising from environment upgrades.

7. Developed a container PostgreSQL upgrade tool, supporting automatic version upgrades for the container repository's PostgreSQL.

8. Developed a tool based on Pyral and LangChain to analyze bugs in the product, identifying areas prone to bugs and optimizing test cases.

9. Developed an image comparison system using Flask and Jinja, supporting online updates of baselines.

10. Enhanced the deployment method of the proxy server using Docker Compose, adding new features such as dynamically setting delay times based on the model used and token count.

Hangzhou Jintouxing Inc   Quality Engineer   2015.01-2018.01

1. Develop test plans and test cases, execute test cases, compile defects and testing progress, and report findings.

2. Set up testing environments, proficiently use Tomcat for application deployment, and write scripts for automated deployment.

3. Self-taught in using Python + Selenium to write automated test cases for regression testing.

4. Emphasize teamwork. Collaborate with colleagues from other departments to drive project progress, understand production bugs and requirements, and provide timely feedback to department leaders.

5. Write user manuals to help users understand project functionalities.

eBay Inc   Quality Engineer   2012.06-2015.01

1. Proficient in applying software testing theories to guide testing practices, familiar with agile processes, and utilizing BDD for automation.

2. Strong comprehension and sense of responsibility, ensuring accurate understanding of documentation, and developing test cases and documents. Track production issues, summarize causes for self-reflection, and incorporate them into automation cases.

3. Excellent communication skills, emphasizing teamwork. Actively discuss bug situations with developers and report work progress to PMs.

4. Focus on customer experience. Regularly provide testing feedback to PMs during the testing process.

5. Rapid learning ability. Capable of quickly mastering the use of testing tools, writing and improving automated test scripts in a short time.

6. High sense of responsibility, taking on on-call duties during the release phase, and responding promptly to various situations.

7. Clear and concise bug reporting, proficient in using Jira for bug management.

MicroStrategy Inc   Quality Engineer   2010.04-2012.07

1. Highly sensitive to testing nuances. Leveraging experience and issue associations, applying the 80/20 rule to uncover as many issues as possible.

2. Strong analytical skills. By dissecting processes step-by-step and pinpointing minor issue triggers, providing precise issue information.

3. Excellent problem-solving abilities. Continuously experimenting with new methods to stabilize automated test scripts during their development.

4. Proactive and diligent, not only completing own tasks on time but also willingly assisting colleagues with their testing responsibilities.

5. Intense curiosity and desire to learn. Independently acquiring new knowledge to address personal skill gaps.

Education

ZheJiang Univerisity   Bachelor   Automation   2005-2009