

MONESH

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SUMMARY

Quality Engineer with 3+ years of experience in developing and executing test plans, cases, and automation scripts for functional, regression, and performance testing. Skilled in designing automated test frameworks and leveraging Infrastructure as Code (IaC) for cloud provisioning. I collaborate with development teams to ensure thorough test coverage and utilize CI/CD pipelines for seamless test execution. Experienced in testing on Linux servers and tracking defects, I focus on maintaining high product quality through detailed reporting and analysis.

EXPERIENCE

Quality Engineer | System Engineer
Tata consultancy services

October 2021 - Present
Bangalore

- Developing and executing test plans, cases, and scripts for functional, regression, and performance testing. This ensures that the software meets quality standards and functions as per requirements.
 - Designing, building, and maintaining automated testing using Robot Framework, Selenium, and Python, streamlining testing processes and improving efficiency.
 - Leveraging Terraform for Infrastructure as Code (IaC) to automate cloud infrastructure provisioning and ensure testing integration with AWS services such as EC2, Load Balancers, Auto Scaling Groups, S3 etc.
 - Collaborating closely with development teams and clients to gather requirements, develop test strategies, and ensure comprehensive test coverage throughout the SDLC.
 - Utilizing CI/CD pipelines in GitLab CI/CD and Jenkins for automated test execution, integrating tests into the deployment process for continuous integration and delivery.
 - Performing testing on Linux servers, utilizing Unix/Linux commands to monitor system performance, validate configurations, and ensure environment stability.
 - Tracking, managing, and resolving defects using tools like Jira and TestRail, conducting root cause analysis for test failures and collaborating with development teams to fix issues.
 - Contributing to the entire software development lifecycle (SDLC), from requirements analysis to test execution and post-release validation, ensuring seamless integration of testing in each phase.
 - Generating detailed test reports and summaries to provide insights on test execution, defect resolution, and overall product quality to stakeholders and clients.
 - Utilizing Agile methodologies and collaborating with teams to ensure timely delivery of quality products.
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EDUCATION

B.E. Electronics and Communication Engineering
Jai Shriram Engineering College

2017 - 2021
76 %

SKILLS & TOOLS

- Unix/Linux Commands
- Python
- Linux Server Administration
- Amazon Web Services (AWS)
- Version Control (GitLab, GitHub)
- Test Automation (Robot Framework, Selenium)
- Infrastructure As Code (Terraform)
- CI/CD (Jenkins, GitLab)
- Container Orchestration (Docker)
- Bug Tracking Tool (TestRail, JIRA)
- PuTTY

ACHIEVEMENTS

- Automated over 200 manual test cases using Robot Framework keywords, significantly improving testing efficiency and coverage.
- Appreciated "Star of the Month Award" recognized for outstanding performance and contributions to the team.

CERTIFICATION

- Completed the AZ-104 Azure Administrator Associate Certificate.