YASHASWINI KANTHRAJ

SENIOR SOFTWARE ENGINEER IN TEST

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SUMMARY

Dynamic Senior Software Engineer in Test with over 10 years of experience in automation, system design and operational stability. Adept at designing, implementing and maintaining robust testing frameworks, optimizing CI/CD pipelines and automating workflows. Recognized for mentoring team members, driving process improvements and delivering high-quality software solutions.

TECHNICAL SKILLS

- Programming: Python, Java

- Testing: Manual, Automation (UI, API), Load Testing (JMeter)

- Database: MySQL, PostgreSQL

- Scripting & OS: Linux, Shell scripting, Python automation

- CI/CD & DevOps: Jenkins, Ansible, Grafana, OpenSearch

- Cloud: AWS, Microsoft Azure

- Test Case Tools: HP ALM, QTest, Zephyr

- Agile Methodologies: Scrum, Kanban

PROFESSIONAL EXPERIENCE

Senior Software Engineer in Test, Autodesk
Feb 2023 - June 2024 | Singapore

- Led system design and automation strategies as a solution lead ensuring high operational stability.

- Automated infrastructure provisioning and configuration using Ansible and Python, reducing manual efforts.

- Developed and maintained Jenkins CI/CD pipelines to accelerate deployment cycles.

- Built a system to analyze Jenkins build failures using the BFA plugin and stored data in AWS Redshift.

- Utilized OpenSearch and Grafana to visualize patterns, enabling proactive root cause analysis and reducing failures.

- Streamlined and automated release processes, reducing errors and improving delivery speed.

- Transitioned the team to Scrum, improving sprint efficiency as Scrum Master.

- Strengthened software security and reliability through best practices.

- Mentored junior engineers, fostering a culture of quality and collaboration.

Software Engineer in Test, Equinix
Jan 2022 - Feb 2023 | Singapore

- Developed API automation test suites using Java and Cucumber to ensure reliability.

- Performed performance testing using JMeter for scalability validation.

- Conducted manual API testing using Postman; managed test cases with Zephyr.

- Built UI automation frameworks using Selenium and Java.

- Worked cross-functionally to ensure quality in every stage of development.

Member of Technical Staff III, VMware
Jul 2014 - Oct 2021 | Bengaluru, India

- Utilized TestNG for ETL and data analytics testing.

- Built an internal Java tool to automate resource provisioning for test environments.

- Automated VM creation and deployment from Bamboo using PowerShell and Python.

- Resolved customer escalations by troubleshooting and debugging complex systems.

- Performed API and load testing using Java, TestNG, and JMeter.

- Conducted manual testing across platforms and devices to ensure usability and compatibility.

PATENT
Multimedia Searching: Targeted retrieval of multimedia based on keyword queries

EDUCATION

Bachelor of Engineering, Information Science and Technology

The National Institute of Engineering | Jul 2010 - May 2014 | Mysore, India

TRAINING & CERTIFICATION
- AWS Certified Solutions Architect - Associate

- Microsoft Azure Fundamentals (LinkedIn course)

- Generative AI Mastermind Live Session by Outskill