# ANKIT TRIPATHI

+91 77559 14062 | ankittripathi2402@gmail.com | Hyderabad, India

LinkedIn: https://www.linkedin.com/in/ankit-tripathi-71a48245/

## Professional Summary

Results-driven Test Manager with over 12 years of experience in software quality assurance, automation frameworks, and agile methodologies. Adept in leading cross-functional teams, defining test strategies, implementing scalable automation solutions, and ensuring product quality across cloud and on-premise environments. Skilled in DevOps, performance monitoring, and customer-focused testing. Known for proactively implementing innovative solutions like production health dashboards and Docker-based test frameworks. Brings hands-on experience in cutting-edge technologies such as IoT and AI for enhancing QA efficiency and analytics.

## Professional Experience

Test Manager

Siemens PLM, Hyderabad, India

Mar 2018 - Present

- Led the quality engineering efforts for the Insights Hub application, a major industrial IoT platform.

- Defined and implemented comprehensive test strategies, including functional, integration, performance, and regression testing.

- Spearheaded the design of a dockerized test automation framework for secure deployments in customer environments without direct access.

- Established a daily production monitoring solution to proactively track application health.

- Oversaw QA team planning, bandwidth management, and mentoring, ensuring high delivery quality and audit readiness.

- Implemented automated insights from customer bug data using modern NLP tools to improve test coverage and product quality.

## Key Skills

Test Management: QA Strategy, Test Planning, Risk Management, Defect Tracking, Agile/Scrum

Automation & Tools: Python, Selenium (if applicable), Jira Xray, CI/CD pipelines, Docker

DevOps & Infrastructure: AWS, Production Monitoring, Cloud & On-Premise Environments

Leadership: Team Building, Cross-Functional Collaboration, Mentoring, Audit & Compliance

Innovation: Predictive Maintenance Monitoring, AI/ML in QA Analytics

## Education

Bachelor of Engineering (Computer Science)

Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV), Jabalpur, M.P.

Graduated: Jul 2008

## Certifications

- Certified Internet of Things (IoT) Expert, Global Tech Council - Dec 2024

- FinOps Certified Practitioner, The Linux Foundation - Dec 2024

- AWS Certified Solutions Architect - Associate, AWS - Dec 2020 (Expired Dec 2023)

- GenAI for Developers, Coursera - May 2024

- Generative AI for Everyone, DeepLearning.AI - May 2024

## Selected Projects

Production Health Monitoring for Insights Hub

Designed and implemented a monitoring solution for the production environment to proactively detect anomalies and system degradations. Reduced incident response time by 30%.

Dockerized Test Framework for Customer Environments

Created a lightweight, containerized automation suite deployable in isolated client environments. Improved deployment reliability and feedback loop efficiency.

IoT Predictive Maintenance Dashboard

Built a full-stack solution for sensor data processing and real-time maintenance prediction, integrating QA practices into IoT data validation and alerting systems.