

Raghunath Jha

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SUMMARY:

Experience IT profession with 7+ years of experience in **Manual** and **Automation testing** with **python** and cypress. Proficient in Docker, Kubernetes orchestration, Jenkins, and Prometheus monitoring, with focus on collaboration, problem-solving and effective communication.

Technical Skills:

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|---------------------|----------------------|-------------------|----------------|
| • Python automation | • Manual Testing | • Cypress | • Kubernetes |
| • Jenkins | • Grafana, InfluxDB, | • Git, Bit Bucket | • Agile – Jira |
| • Pytest | telegraph | • JavaScript | • Docker |
| • Corona Scans | • Postman | • Generative AI | • PostgreSQL |

WORK EXPERIENCE:

- 1. HCL TECH. Role: Senior Test Lead Engineer** **Mar 2022 - present**
 - Led the design and Testing of Matrix UI using cypress (CDT), ensuring high performance and scalability.
 - Analyze user stories and **create test plans** with effective test procedures. Identifying quality defects during the testing phase.
 - Worked with modules like inventory, KPI, Alaram. Involved in functional and regression testing.
 - Tested AL/ML based algorithm to improve Data extraction accuracy and speed.
 - Performance testing (scale testing) GIT stack.
 - Set up and configure code pipelines for automating CI/CD workflows, integrating code changes, running tests, and deploying applications.
 - **Recipient Technical Excellence Award**
- 2. Ericsson India. (payroll: Vedang cellular service) Role: Software Engineer** **Jan 2019 - Mar 2022**
 - Worked on test planning, estimation, and requirement analysis. Creating and executing test case, Logging defect in Jira.
 - Training and mentoring newly joined members and helping them in ramp up activities.
 - Handling the 5 team members for project involved in test case execution.
 - Preparing the Daily/ weekly test summary report.
 - Coordinate with team and clarify team members on functionality of product, provided support to team members.
- 3. Nokia (payroll: Vedang cellular service) Role: Software Engineer** **Aug 2016 – Jan 2019**
 - Creating tools which automates the testing work, daily work etc.
 - Daily work automation using Python tools.

PROJECTS:

- 1. Matrix Builder**
 - Tested a forecasting workbench for timeseries datasets, employing **Prophet/Fedot** algorithms to predict outcomes.
 - Implemented alert generation based on predefined metric thresholds, ensuring proactive capacity adjustments. Tested asynchronous model training system using Celery tasks and a forecasting API.
 - Containerized the solution with Docker for easy deployment. Conducted data preprocessing and modeling to enhance predictive accuracy.
- 2. Place in Network**
 - Tested a data preprocessing pipeline for model training, collaborating with the Data Science team to test AI/ML algorithms.
 - Scheduled model training through Kubernetes using a Cronjob and developed forecasting APIs.

EDUCATION:

B.E in Electronics and Telecommunication Engineering
MITM College, India - 8.63

2012 — 2016

TRAININGS:

- Python by udemy
- Docker, kubernetes, Jenkins, AWS, Linux by udemy
- GenAI Application Development by HCL TECH

Hobbies:

- Chess, Martial Arts and Travelling