

# 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.

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## Technical Skills:

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

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## 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.

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## 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.

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## EDUCATION:

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

**2012 — 2016**

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## TRAININGS:

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

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## Hobbies:

- Chess, Martial Arts and Travelling