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 | * Pytest |
| * Jenkins * RabbitMQ * Corona Scans | * Grafana, InfluDB, telegraph * Postman | * Git, Bit Bucket * JavaScript * Kubernetes | * Agile – Jira * Docker * PostgreSQL |

## WORK EXPERIENCE:

### 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**

### 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.

### 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, kubernates, Jenkins, AWS, Linux by udemy
* GenAI Application Development by HCL TECH

**Hobbies:**

* Chess, Martial Arts and Travelling