Raghunath Jha

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# SUMMARY:

Experience IT profession with experience in **python**, **Django**, **web crawling**, **python automation and cloud deployment**. 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 | * Django | * DRF | * AWS |
| * Jenkins * Pytest | * Grafana, InfluDB, telegraph | * Docker * JavaScript | * Agile – Jira * Cypress |

## WORK EXPERIENCE:

### HCL TECH. Role: Lead Engineer Mar 2022 - present

* + Led the design and development of RESTful APIs using Django, ensuring high performance and scalability.
  + Utilized Docker and Kubernetes for containerization and orchestration of applications, improving deployment and scaling processes.
  + Set up and configure code pipelines for automating CI/CD workflows, integrating code changes, and deploying applications.
  + Collaborated across teams, integrating services and automating reports.
  + Create and maintain documentation for infrastructure, deployment processes, and configuration management, ensuring knowledge sharing and smooth project transitions.
  + **Recipient of 5 Monthly Spot Awards and 1 Technical Excellence Award**

### Ericsson India. (payroll: Vedang cellular service) Role: Software Engineer Jan 2019 - Mar 2022

* + Integrated AL/ML to improve text extraction accuracy and speed.
  + Worked with REST web services for data integration.
  + Writing python script to preprocess data and integrate.

### 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.
  + Web scrapping using python.

# PROJECTS:

1. **Matrix Builder**
   * Created 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. Developed an asynchronous model training system using Celery tasks and built a forecasting API.
   * Containerized the solution with Docker for easy deployment. Conducted data preprocessing and modeling to enhance predictive accuracy.
2. **Fintech Project** 
   * API Creation: Developed APIs using Python and request models. MySQL Integration: Integrated MySQL for database management
   * AWS Lambda: Implemented AWS Lambda functions and integrated MySQL within Lambda.
   * S3 Integration: Utilized AWS S3 buckets for file storage and data handling.
   * Data Parsing and Handling: Parsed and managed data efficiently for seamless application functionality.

## EDUCATION:

B.E in Electronics and Telecommunication Engineering

**MITM College, India - 8.63** **2012 — 2016**

## CERTIFICATES:

* Python by udemy
* Docker, kubernates, Jenkins, AWS, Linux by udemy

## Hobbies:

* Chess, Martial Arts and Travelling
* LANGUAGE:English, Hindi, Marathi, Maithali