

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 | • Grafana, InfluxDB, telegraph | • Docker | • Agile – Jira |
| • Pytest | | • JavaScript | • Cypress |

WORK EXPERIENCE:

- 1. 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**
- 2. 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.
- 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.
 - 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, kubernetes, Jenkins, AWS, Linux by udemy

Hobbies:

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