Resume

First Name	Raghunath Vishnudev
Last Name	**Jha**
Education Qualification	**Bachelor of Engineering**
Work Experience	**7+ years (Software Development)**
Area of Expertise	**Programming Language & Frameworks:** Python, JavaScript (Basics), Django **Deployment/Operation:** AWS, Docker, Jenkins, GIT **Miscellaneous:** REST Api
Customer worked with	Cisco, Airtel

Education Qualifications:

- o Bachelor of Engineering (Electronics and Telecommunication Engineering) from Mumbai University, Mumbai, Maharashtra, India.

Experience Summary:

- o Experience IT profession with experience in **python**, **Django**, **web crawling**, **python automation and cloud deployment**.

- o Proficient in Docker, Kubernetes orchestration, Jenkins, and Prometheus monitoring, with focus on collaboration, problem-solving and effective communication

- o Working experience in Docker containers.

- o Working experience in AWS Cloud (EC2, RDS, S3, ECS etc).

- o Experience in Agile based development projects.

- o Experience in leading teams and skilled to work in Individual Contribution roles, based on team needs.

Project at Cisco: Analytics workbench

- **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.

Responsibilities:

- o Led the design and development of RESTful APIs using Django, ensuring high performance and scalability.

- o Utilized Docker and Kubernetes for containerization and orchestration of applications, improving deployment and scaling processes.

- o Set up and configure code pipelines for automating CI/CD workflows, integrating code changes, and deploying applications.

- o Collaborated across teams, integrating services and automating reports.

- o Create and maintain documentation for infrastructure, deployment processes, and configuration management, ensuring knowledge sharing and smooth project transitions.

- o **Recipient of 5 Monthly Spot Awards and 1 Technical Excellence Award**

Project at Cisco: Place in Network

• Established a data preprocessing pipeline for model training, collaborating with the Data   Science team to integrate AI/ML code.

 • Scheduled model training through Kubernetes using a Cronjob and developed forecasting APIs. Wrote Pytest scripts to validate all features.

Responsibilities:

- o Led the design and development of RESTful APIs using Django, ensuring high performance and scalability.

- o Utilized Docker and Kubernetes for containerization and orchestration of applications, improving deployment and scaling processes.

- o Set up and configure code pipelines for automating CI/CD workflows, integrating code changes, and deploying applications.

Project at Airtel: Fintech Project

- API Creation: Developed APIs using Python and requests moduls. 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.

Responsibilities:

- Creating API with the help of requests modul.
- 3–4-member team involved in all activities.
- Interacting with different teams owning different components to deploy.
- Containerization of application as docker containers.
- Deploying database to cloud (AWS mysql).