**Resume**

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| **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 |

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

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* 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
* Working experience in Docker containers.
* Working experience in AWS Cloud (EC2, RDS, S3, ECS etc).
* Experience in Agile based development projects.
* 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:**

* 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**

**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:**

* 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.

**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).