Rajnish Pal *Python Developer*

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🔗 https://www.linkedin.com/in/rajnish-pal50/ ⏺ https://github.com/rajnish7702

A dedicated and as aspiring Software Development Engineer with as objective of working in an organisation that provides opportunities for technical and personal advancement.

INTERNSHIP

Web Development, *Erasmith Technologies Pvt. Ltd.*
10/2022 – 03/2023 | Noida, India

PROFESSIONAL EXPERIENCE

Software Engineer, *Ahana System & Solucion* ⧉
04/2024 – present | Bengaluru, India
Project : Zydus

- **API Development:** Created robust API endpoints, ensuring seamless integration across different environments.
- **Optimized deployment processes** across diverse environments by containerizing applications, ensuring consistency, and streamlining deployment workflows.
- **Enhanced API performance** by implementing Redis caching, leading to significant improvements in response times for frequently-called APIs.
- **Formatted data using JSON** for seamless integration and easy consumption across various systems.
- **Automated REST API tests** through a comprehensive test suite, significantly improving accuracy and reliability of test results.

Tech Stack: Python, Django, Flask, Mysql, Docker, Numpy, Pandas.

Software Engineer, *Lincode.ai*
05/2023 – 11/2023 | Bengaluru, India
Project : Edgeplus:V2

- **API Development:** Created robust API endpoints, ensuring seamless integration across different environments.
- **Deployment Optimization:** Streamlined the deployment process by containerizing applications, ensuring consistency and improving efficiency.
- **Performance Enhancement:** Dramatically improved the performance of frequently-called APIs by implementing Redis caching, significantly reducing response times.
- **Database Management:** Utilized MySQL for efficient data storage and retrieval, optimizing database operations.
- **Data Integration:** Leveraged JSON for data formatting, facilitating easy data consumption and integration across systems.
- **Real-time Data Streaming:** Implemented a Kafka producer to publish frames to a Kafka topic, enabling efficient real-time data streaming.
- **Frame Processing:** Retrieved predicted frames using a Kafka consumer and saved them to the local system, ensuring smooth data handling.
- **Containerization:** Ensured consistency in deployment processes by containerizing applications, streamlining the overall deployment workflow.

Tech Stack: Python, Django, Flask, Mongodb, Docker, Redis,

EDUCATION

Master of Computer Application(MCA),
J.S. University
09/2020 – 08/2022
Shikohabad,Uttar Pradesh, India

Bachelors of Computer Application(BCA),
Chhatrapati Shahu Ji Maharaj University
07/2017 – 10/2020 | Kanpur, India

TECHNICAL STACK

Python Packages

Scikit-Learn,SciPy, PySpark, Numpy,Supervised Learning,Pandas,Matplotlib,Tenserflow, Pytorch, CV2,BeautifulSoup, Selenium.

Web Development

HTML, CSS, Flask, Django, Rest API.

Databases

Mysql, Mongodb, sqlite

Message Queue

Redis, Kafka.

Cloud Deployment and Containers

S3,EC2, Git, Docker.

CERTIFICATIONS

Software Engineer, *Lincode Labs*
06/2023 – 11/2023 | Bengaluru, India

Python, *Coding Ninjas*
05/2023 – 07/2023

Data Science & Machine Learning,
Coding Ninjas
07/2024 – present

SOFT SKILLS

Fast Learner, Problem Solving, Time Managements

LANGUAGES

English, Hindi