

Omkar Gandhi

Fresher Software Developer | Java | Spring Boot | Data Analysis

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Professional Summary

Enthusiastic and detail-oriented Software Developer with hands-on experience in Java, Spring Boot, and Python for machine learning and data analysis. Skilled in REST API development, data structures, and algorithms. Keen interest in leveraging data science techniques to drive actionable insights in software applications. Excels in problem-solving and thrives in collaborative and innovative environments.

Technical Skills

Programming Languages: Java, Python, SQL

Frameworks & Tools: React, Spring Boot, Django, Kafka, Docker

Data Analysis: PySpark, Pandas, Machine Learning

Other Skills: WebSockets, REST APIs, Cloud Basics, Git

Professional Experience

Python Django Developer

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- Designed and developed machine learning models to optimize investment decisions.
- Developed a Django-based REST API for delivering model predictions and insights.
- Improved application performance through efficient query handling and model optimization.

Projects

Product-Based Recommendation System Using XDeepFM Algorithm

- Built a product recommendation system using the XDeepFM deep learning algorithm.
- Engaged in feature engineering, model tuning, and deployment for production-scale use.
- Improved recommendation efficiency and performance by leveraging both explicit and implicit features.

Nuxt3/Vue Portfolio Website

- Developed a responsive portfolio and blog website for photographers using Nuxt3 and Vue.
- Designed an interactive photo gallery for showcasing images and a section for managing uploaded posts.
- Implemented user authentication for secure content management.

Phishing URL Detection Using Machine Learning

- Developed a phishing detection model in Python using scikit-learn to identify malicious URLs.
- Created a Flask-based backend to serve the model and developed a Chrome extension for real-time client-side detection.
- Enhanced internet security by warning users of potential phishing sites before they engage.

Bus Tracking Application

- Developed a real-time bus tracking system using Spring Boot and WebSockets.
- Created Web applications for both drivers and users, enabling real-time location updates.
- Integrated Google Maps API to visualize bus locations, providing an interactive map view for users.

Education

Bachelor of Engineering in Computer Science

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Relevant Coursework: Data Structures, Algorithms, Database Management, Machine Learning