

Omkar Gandhi

Software Developer | Java | Spring Boot | Data Analysis
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Professional Summary

Enthusiastic Software Developer with experience in Java, Spring Boot, and Python for machine learning and data analysis. Skilled in REST APIs, data structures, and algorithms, with a keen interest in leveraging data science for actionable insights. Excels in problem-solving and thrives in collaborative 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

Software Developer

Comtranse Technology, Kolhapur

- Designed and developed machine learning models to optimize investment decisions.
- Developed Static Website in React for an Organization which contains portfolio and blogs.
- Developed a Django-based REST API for delivering model predictions and insights.
- Improved application performance through efficient query handling and model optimization.

Education

B-Tech. in Computer Science

Bharati Vidyapeeth, India | 2024 | CGPA 7.8

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

Projects

Real-Time Vehicle Tracking System

- Developed a low-latency vehicle tracking system using Spring Boot as a REST API with WebSockets for real-time location data transfer.
- Optimized for minimal latency, ensuring efficient and accurate tracking of vehicle locations.

Spring Boot Authentication & Authorization System

- Built a secure authentication system using JWT for token-based authentication and role-based authorization.
- Implemented user roles and permissions, ensuring robust security for different levels of access within the application.

React-Node.js Task Management System

- Developed a task management system using React for the frontend, leveraging React Context API for efficient state management.
- Integrated Node.js for backend services, enabling users to create, manage, and track tasks, enhancing productivity and collaboration in the workplace.

Equity Portfolio Optimization Application (Professional Project)

- Created a Django REST API for portfolio optimization, integrating TensorFlow machine learning models for data-driven investment insights.
- Developed the frontend with Next.js and Tailwind CSS, managing state effectively for a smooth and responsive UX.

Dynamic Email Broadcasting System

- Developed a Java application for sending dynamic emails to a list of recipients, streamlining the process of broadcasting personalized email content.
- Utilized the SMTP API to manage email delivery and ensure reliable communication.