HARISH NEMADE

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SUMMERY

Skilled software professional with strong expertise in Python, SQL, and data engineering. Experienced in building scalable ETL pipelines, backend APIs, and real-time data processing for logistics and analytics. Quick learner with a problem-solving mindset and passion for clean, efficient code and Understanding the ML Model, data structures and algorithms.

EXPERIENCE

Software Developer   Nov 2024 – Jul 2025
Oorjaa - Yatnavat Technologies Pvt. Ltd, Pune

- Developed a GPS-based Vehicle Trip and Breakage Tracking System using Python, FastAPI, PostgreSQL, Google Maps API, and Docker deployed as microservices..
- Enabled real-time trip monitoring and stoppage simulation using polyline decoding and time-series generation.
- Optimized backend performance using async processing, cron jobs, and shift-based scheduling logic.
- Collaborated in scrum-based Agile teams, contributed to Git-based code reviews, and enabled data-driven logistics automation.
- Enhanced system reliability by adopting System Monitoring, logging, and alerting best practices.

PROJECTS

Integrated **LLMs and RAG** From Scratch with vector DBs (Chroma DB) for enhanced retrieval.

Real-Time Stock Market Data Pipeline (Kafka + AWS) Built a real-time data ingestion and analytics pipeline using Kafka, AWS Glue, and Athena. Enabled financial data analysis and compliance-ready reporting on AWS.

Customer Review Sentiment Analysis. Built an NLP system for classifying e-commerce reviews using SVM, XGBoost, Naive Bayes, PyTorch, and TensorFlow.

Order Service API. Designed and deployed RESTful microservices for a grocery platform using FastAPI, PostgreSQL, Docker, and JWT authentication. Integrated CI/CD pipeline with GitHub Actions.

EDUCATION

Post Graduate Diploma in Big Data Analytics (PG-DBDA)   Mar 2024 – Aug 2024
CDAC, IACSD Akurdi, Pune
Percentage: 62.13%

Bachelor of Engineering (Mechanical)   2021 – 2023
Bharati Vidyapeeth's College of Engineering, Pune
CGPA: 8.63

SKILLS

Languages	Python, PostgreSQL, NoSQL
Frameworks	FastAPI, Flask, PySpark, Scikit-learn, TensorFlow, PyTorch
Cloud	AWS (S3, Redshift, Glue, Athena, EC2), Docker, GitHub Actions, Linux/Windows
Big Data	Apache Kafka, Hadoop, Spark
ML	Transformers, NLP Pipelines, LLM, RAG
Visualization	Tableau, Matplotlib

CERTIFICATIONS

- Clean Code (Udemy), SQL for Data Analysis (Udemy), Docker for Developers, Git GitHub, SOLID Principles