

Janhavi Nilesb Bhattad

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Education

St. Mary's School

Higher Secondary Education

May 2021

Pune, Maharashtra

Manipal Institute of Technology, Bengaluru

May 2027

B.Tech in Computer Science (Artificial Intelligence) | Minor in Data Analytics | CGPA: 8.02

Bengaluru, Karnataka

Experience

CandidRoot Solutions Pvt. Ltd. | *Odoo Silver Partner* | *Data Analytics Intern*

May 2026 – July 2026

Ahmedabad, Gujarat

- Built SQL pipelines to extract, clean, and standardize sales, inventory, and customer data, cutting manual reporting time ~60%.
- Developed Power BI dashboards with SQL-driven data models and KPI visualizations to monitor sales performance, revenue trends, customer behavior, and inventory metrics.

Nanostuffs Technologies | *Software Development Intern*

May 2025 – July 2025

Pune, Maharashtra

- Built responsive React components for Career Mantrana, an ed-tech college-predictor tool used for student admissions guidance.
- Implemented UI features and optimized rendering performance in an agile team.

Projects/Research Papers

The Drifting Oracle | *Python, FastAPI, React, Databricks, XGBoost, Docker, Kubernetes, Prefect, LangGraph, ChromaDB*

- Built a drift-aware credit-risk system monitoring 7 features via Population Stability Index, triggering Champion/Challenger XGBoost retraining and improving AUC from 0.73 to 0.76.
- Deployed with Docker, Kubernetes, and Prefect; integrated Databricks Unity Catalog, MLflow, and GitHub Actions CI/CD with a 47-test pytest suite.
- Designed a LangGraph RAG agent using ChromaDB and Llama/Gemini to generate and evaluate regulatory-grounded loan-rejection explanations with automated hallucination detection.

Pitwall | *Python, FastAPI, SQLite, ChromaDB, Groq*

- Built a multi-agent RAG system with 6 specialized agents and an orchestrator using ChromaDB and Groq LLM APIs to answer race-analytics queries over 30K+ records.
- Engineered a 15-endpoint FastAPI backend with SQLite and Python ETL pipelines to ingest, process, and serve structured race data.

ShockProof | *Python, PostgreSQL, NetworkX, FastAPI, React, Docker*

- Built a supply chain risk platform using NetworkX and Monte Carlo simulations across 101 suppliers, 501 products, and 1.5K+ relationships to compute P95 revenue-at-risk.
- Validated risk scoring with bootstrap resampling and Wilcoxon testing, achieving 95.6% precision@10; deployed via PostgreSQL, FastAPI, React, and Docker.

Technical Skills

Languages: Python, Java, SQL, C++, C

Machine Learning & GenAI: Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Pattern Recognition, PyTorch, XGBoost, RAG, LLM APIs (Groq, Gemini), Vector Databases (ChromaDB), Prompt Engineering

Data Analytics: Data Analysis, Exploratory Data Analysis, Statistical Modeling, Feature Engineering, Pandas, NumPy, Power BI, Tableau

Backend & Databases: FastAPI, PostgreSQL, SQLite, SQL, DBMS

MLOps & DevOps: Docker, Kubernetes, CI/CD Pipelines, Git

Achievements

- Secured 6th place out of 64 teams at MIT Bengaluru TechFest Hackathon.
- Top 10 Finalist (of 869 teams nationwide) at Manipal M# Hackathon 2025.

Social Engagements

Social Media Manager: Closeted (Fashion Club), PCB (Photography Club), Neura AI (AI-Technical Club)

Volunteer: Volunteer Students Organisation Mahe, Sofosh (Pune)

Sports Engagements: Basketball Player, MITB Girls Basketball Team