

SKILLS

Programming	Python, C++, JavaScript, bash/Linux, MySQL
Frameworks	Pytorch, Scikit-Learn, Keras, Numpy, Pandas, Fastapi, Flask, Matplotlib
Tools	MLflow, Huggingface, Git, LangChain & LangGraph, Docker, Google Cloud, MongoDB

TECHNICAL EXPERIENCE

Associate Founder / Data Engineer / Crypto Prism CryptoPrism	Nov 2024 — April 2025 Maharashtra, Pune
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- Designed and implemented **50+** financial indicators using **Python, SQL**, and **10+ years** of historical data across 10,000+ cryptocurrencies.
- Built and maintained GCP-based **ETL** pipelines processing **1M+ rows/day**, ensuring scalable and reliable data ingestion and transformation.
- Developed end-to-end data workflows for ingestion, cleaning, validation, and storage using Python and MySQL.
- Optimized MySQL database schemas for efficient querying and analytics on large-scale financial datasets.
- Created the primary analytics website and backend APIs, enabling real-time indicator access for **200+ early users**.
- Engineered automated data-driven signal generation pipelines analyzing **1M+ datapoints/day** and publishing insights to social platforms.
- Worked extensively with **Google Cloud (Compute Engine, Cloud SQL, Cloud Storage)** for scalable data engineering workflows.

Business & Creative Analyst Intern / Coolboots Media (AI Bharatvarsh) Internship	April 2025 — June 2025 Hybrid (Gurgaon)
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- Contributed to the development of an AI-powered game, focusing on story generation, game dynamics design, and end-to-end prototyping
- Developed a **JavaScript** prototype that was selected over **3+** competing designs and deployed as the final front-end architecture.
- Led AI prompt engineering, designing and integrating **5+ custom GPTs** that enabled real-time branching storylines, enhancing player interactivity and dialogue realism.
- Fine-tuned multiple **AI Models**, improving AI image generation accuracy by **30%** for in-game assets.
- Key Skills:** AI Game Development, Prompt Engineering, JavaScript, Custom GPTs, Model Fine-Tuning, Prototyping, Firebase Studio, Google Ai Studio, OpenAI, Whisper

PROJECTS

- Developed a production-ready **phishing detection system** using industry-standard ML architecture (**Data Ingestion, Transformation, Model Training**) with **OOPs modular coding** practices. Built and optimized multiple ML models (**Random Forest, AdaBoost, Gradient Boosting, Logistic Regression, Decision Tree**) with hyperparameter tuning, achieving **98% accuracy** without overfitting. Deployed on **AWS EC2**, integrated Git Actions, and implemented data validation and drifting checks.
- Use of **Multi-Agent LLMs** to Control a Robot in a **Simulated Unstructured Environment. In Progress**
- Developed an End to End **Traffic violation system** using **YOLO** and **Flask** for a Client which helps detect (**No Seatbelt, Triple Riding & No Helmet**) with more than **70% accuracy**; given very limited training data, Stores the violation on a hosted **MySQL database** with an intuitive **Admin Dashboard**.

CERTIFICATION

Data Engineering on Google Cloud  
Building Batch Data Pipelines on Google Cloud  
Modernizing Data Lakes and Data Warehouses with Google Cloud  
Building Resilient Streaming Analytics Systems on Google Cloud  
Complete Data Science, Machine Learning, Deep Learning & NLP BootCamp

EDUCATION

BE Automation & Robotics, Modern Education Society's Wadia College of Engineering (8.3 CGPA)	2022-2026
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ACTIVITIES

Tech Lead at American Society of Mechanical Engineers (ASME)	2023
Google Developer Student Club, (GDSC)	2023