

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 <i>CryptoPrism</i>	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) <i>Internship</i>	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) Google Developer Student Club, (GDSC)	2023 2023
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