

Prince Choudhury

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Experience

AI Engineer Intern

Logstrike Technologies

Dec 2024 – Feb 2025

Mumbai (Remote)

- Built and optimized backend services in Python for scalability and efficiency.
- Worked with GCP services like Firestore, Datastore, and Cloud Storage.
- Applied prompt engineering techniques to enhance AI interactions.

ML Engineer Intern

PearlThoughts

Oct 2023 – Nov 2023

Tamil Nadu (Remote)

- Built and deployed LLM-powered chatbots, enhancing customer engagement and response accuracy.
- Implemented model fine-tuning techniques, reducing chatbot response errors by 15%.
- Collaborated with cross-functional teams to deliver production-ready AI solutions.

Business Development Intern

Kalvium

Dec 2024 – Jan 2025

Bengaluru (Onsite)

- Boosted student enrollment through outreach efforts.
- Collaborated with cross-functional teams to execute marketing campaigns, boosting engagement by 25%.
- Organized and streamlined event logistics, enhancing operational efficiency for promotional events.

Projects

Post Recommendation Engine (Twitter-Like)

Content Recommendation System

Dec 2024 – Jan 2025

Python, FAISS, Google Generative AI

- Developed a content recommendation engine similar to Twitter for personalized posts.
- Used FAISS for similarity search and Google GenAI for embedding generation.
- Integrated GCP services like Firestore, Datastore, and Cloud Storage.

Complete Self-Driving Car

Autonomous Vehicle Project

Sep 2024 – Nov 2024

Python, OpenCV, TensorFlow, Flask

- Built a self-driving car system for real-time lane detection and steering control.
- Implemented CNN models for steering predictions using camera inputs.
- Used Flask and Python-SocketIO for real-time communication with the car simulator.

Technical Skills

- Languages:** Python, C++, Java, SQL
- Frameworks:** TensorFlow, Flask, FastAPI
- Libraries & Tools:** NumPy, Pandas, OpenCV, Scikit-learn, Cursor AI, Docker, Git, Tableau, Google Cloud Platform
- Others:** Machine Learning, Prompt Engineering, Data Structures, Algorithms, OOPs Concepts, Problem solving

Education

Vellore Institute of Technology (VIT)

Integrated M.Tech in Computational and Data Science, CGPA: 8.86/10

Aug 2021 – May 2026

Certifications

- Oracle Cloud Infrastructure 2024 Generative AI Professional (1Z0-1127-24) Jul 2024
- Databases SQL For Data Science With Python (Coursera – IBM) Aug 2023
- Applied Machine Learning in Python (Coursera - University of Michigan) Jan 2023