ADITYA DAS

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EDUCATION

IIIT Bhubaneswar BTech in IT

Nov 2022 - Present

CGPA: 8.68

ST. Xavier's High School, Kedargouri, Bhubaneswar

May 2021 - May 2022

CBSE Class XII: 94.4%

ST. Xavier's High School, Kedargouri, Bhubaneswar

May 2019 - May 2020

CBSE Class X: 93.8%

WORK EXPERIENCE

Neophyte Ambient Intelligence

Role: Summer Intern - AI/ML

May 2025 - July 2025

location: Remote/Online

- Accomplished invoice processing for 110+ documents through interactive UI and backend automation using Streamlit and FastAPI, reducing manual effort by 80%.
- Implemented and streamlined agentic orchestration pipelines through abstraction using Google ADK, improving modularity by 50%.
- Engineered a local setup for both Vision Language Models (VLMs) and Large Language Models (LLMs) via Ollama, reducing API dependency by 100%, lowering latency by 60%.

PROJECTS

Smart ATS Resume Assistant | App Link | GitHub Link

Dec 2024 - Jan 2025

- Tech Stack: Langchain, Streamlit, Numpy, Pandas, Natural Language Processing, Pinecone Vector Database, GenAI
- Developed an AI-powered resume optimization tool using Google Generative AI and Pinecone, processing 2,300+ resumes with **768-dimensional embeddings** to boost **keyword alignment accuracy by 30%**, featuring a real-time, ATS-like **Streamlit UI** for enhanced interactivity.

LangGraph AI Agent | App Link | GitHub Link

Nov 2024 - Dec 2024

- Tech Stack: FastAPI, Streamlit, Langchain, Natural Language Processing, Agentic AI
- Engineered a scalable AI chatbot platform using FastAPI, Streamlit, LangGraph, and ChatGroq LLMs, handling 100+ API requests/day, with real-time responses powered by dual LLMs and TavilySearchResults, integrated via secure RESTful APIs.

LoanFitAI | App Link | GitHub Link

Oct 2024 - Nov 2024

- Tech Stack: Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn, FastAPI, Streamlit, REST APIs, Machine Learning, Data Science
- Enabled real-time loan eligibility, ensuring high precision(~93%) and efficiency with an F1 score of 92 % by designing a Decision Tree model with 93% accuracy on a dataset of 1,100 rows, using oversampling to address class imbalance.

SKILLS

- **Programming Languages:** Python, C++, Object Oriented Programming
- **Databases:** MySOL, Pinecone (Vector DB), DBMS concepts
- Tools/ Frameworks: FastAPI, Streamlit, Langchain, Google ADK, Git/GitHub, Linux Commands
- AI/ML & NLP: Scikit-learn, Pandas, NumPy, Matplotlib, NLP, Model Evaluation & Deployment

ACHIEVEMENTS

- Secured a rank of 724 (top 3%) out of 23,596 participants in the Biweekly Contest 145 on LeetCode.
- Ranked 223 (top 8%) out of 2,869 participants in the CodeChef Starters 193 weekly contest.
- Attained a consistent ranking among the top 6 students in the branch, placing within the top 10% overall.
- Solved more than 350+ problems on LeetCode, showcasing a strong understanding of Data Structures and Algorithms.