

ADITYA DAS

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EDUCATION

IIT 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 XII: 93.8%

WORK EXPERIENCE

Neophyte Ambient Intelligence

location : Remote/ Online

Role : Summer Intern - AI/ML

May 2025 - July 2025

- 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(around 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

MySQL, 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**.