

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 X: 93.8%

WORK EXPERIENCE

Neophyte Ambient Intelligence Pvt. Ltd.

location : Remote/ Online

Role : Summer Intern - AI/ML

May 2025 - July 2025

- Designed and implemented an **interactive UI** and **automated backend workflows** using *Streamlit, FastAPI, and Google ADK* to process **110+ invoices**, **reducing manual effort by 80%** and **streamlining agentic orchestration pipelines** through abstraction.
- Engineered a local setup for both **Vision Language Models (VLMs)** and **Large Language Models (LLMs)** via *Ollama*, **reducing API dependency by 100%**.
- Evaluated model performance by calculating accuracy scores for **470+ line items**, ensuring **reliable and consistent response assessment** across multiple models.

PROJECTS

Smart ATS Resume Assistant | [App Link](#) | [GitHub Link](#)

- 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 **Retrieval-Augmented Generation (RAG)**, processing **2,300+ resumes** with **768-dimensional embeddings** to improve keyword alignment **accuracy by 30%**, featuring a real-time, ATS-like Streamlit UI for enhanced interactivity.

LangGraph AI Agent | [App Link](#) | [GitHub Link](#)

- 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](#)

- 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++, JavaScript*
- 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**.