

# ADITYA DAS

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## EDUCATION

**IIIT Bhubaneswar** BTech in IT  
CGPA: 8.68

Nov 2022 - Present

**ST. Xavier's High School, Kedargouri**, Bhubaneswar  
CBSE Class XII: 94.4 percent

May 2021 - May 2022

## WORK EXPERIENCE

**Neophyte Ambient Intelligence**

location : Remote/ Online

Role : Summer Intern - AI/ML

May 2025 - Present

- Accomplished scalable invoice processing for **110+ documents** through interactive UI and backend automation using Streamlit and FastAPI, **reducing manual effort by 80%**.
- Implemented and streamlined **multi-agent orchestration pipelines** through abstraction using Google ADK, **improving modularity by 50%**.
- Locally hosted 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**.
- Achieved a rank of **2,297 (top 9%)** out of **25,692** participants in the **Biweekly Contest 146** on **LeetCode**.
- Ranked **373 (top 13%)** out of **2,834** participants in the **CodeChef Starters 176** 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**.