

# ADITYA DAS

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## EDUCATION

**IIIT Bhubaneswar** B.Tech 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.**

May 2025 - July 2025

Role : Summer Intern - AI/ML

location : Remote/ Online

- 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, Generative AI
- Developed a **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.

**Semantic Book Recommendation System** | [App Link](#) | [GitHub Link](#)

- Tech Stack:** Streamlit, LangChain, Zero-Shot Text Classification, Sentiment Analysis, RAG, NLP
- Built a **Book Recommendation System** using **Retrieval-Augmented Generation (RAG)** over **5,197 books**, utilizing **zero-shot text classification** and **sentiment analysis** to generate personalized suggestions based on user-input description, category, and emotional tone.

**AI-Powered Code Writer** | [App Link](#) | [GitHub Link](#)

- Tech Stack:** Streamlit, Python, Gemini 2.5, RegEx, HTML Injection, NLP
- Implemented a **Code Writer** that interprets natural language prompts to generate clean, executable code in **4 different programming languages**, featuring an interactive UI and built-in **copy-to-clipboard functionality**.

## SKILLS

- Programming Languages:** Python, C++, JavaScript, SQL
- Databases:** MySQL, Vector Data Bases, DBMS concepts
- Tools/ Frameworks:** FastAPI, Streamlit, Langchain, Google ADK, Git/GitHub, Linux Commands
- AI/ML & NLP:** Scikit-learn, Pandas, NumPy, Matplotlib, NLP

## 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 **390+ LeetCode problems**, demonstrating proficiency in **Data structures and Algorithms**.