

ADITYA DAS

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EDUCATION

IIIT Bhubaneswar	B.Tech in IT	Nov 2022 - Present
CGPA:	8.72	
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
<ul style="list-style-type: none">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**.