

# ADITYA DAS

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## EDUCATION

<b>IIT Bhubaneswar</b> BTech in IT CGPA: 8.68	Nov 2022 - Present
<b>ST. Xavier's High School, Kedargouri</b> , Bhubaneswar CBSE Class XII: 94.4%	May 2021 - May 2022
<b>ST. Xavier's High School, Kedargouri</b> , Bhubaneswar CBSE Class XII: 93.8%	May 2019 - May 2020

## WORK EXPERIENCE

<b>Neophyte Ambient Intelligence</b> Role : Summer Intern - AI/ML	location : Remote/ Online May 2025 - July 2025
<ul style="list-style-type: none"><li>Accomplished invoice processing for <b>110+ documents</b> through interactive UI and backend automation using Streamlit and FastAPI, <b>reducing manual effort by 80%</b>.</li><li>Implemented and streamlined <b>agentic orchestration pipelines</b> through abstraction using Google ADK, <b>improving modularity by 50%</b>.</li><li>Engineered a local setup for <b>both Vision Language Models (VLMs) and Large Language Models (LLMs)</b> via Ollama, <b>reducing API dependency by 100%, lowering latency by 60%</b>.</li></ul>	

## PROJECTS

<b>Smart ATS Resume Assistant</b>   <a href="#">App Link</a>   <a href="#">GitHub Link</a>	Dec 2024 - Jan 2025
<ul style="list-style-type: none"><li>Tech Stack: Langchain, Streamlit, Numpy, Pandas, Natural Language Processing, Pinecone Vector Database, GenAI</li><li>Developed an <b>AI-powered resume optimization tool</b> using <b>Google Generative AI</b> and <b>Pinecone</b>, processing <b>2,300+ resumes</b> with <b>768-dimensional embeddings</b> to boost <b>keyword alignment accuracy by 30%</b>, featuring a real-time, ATS-like <b>Streamlit UI</b> for enhanced interactivity.</li></ul>	
<b>LangGraph AI Agent</b>   <a href="#">App Link</a>   <a href="#">GitHub Link</a>	Nov 2024 - Dec 2024
<ul style="list-style-type: none"><li>Tech Stack: FastAPI, Streamlit, Langchain, Natural Language Processing, Agentic AI</li><li>Engineered a <b>scalable AI chatbot platform</b> using <b>FastAPI, Streamlit, LangGraph</b>, and <b>ChatGroq LLMs</b>, handling <b>100+ API requests/day</b>, with <b>real-time responses</b> powered by dual LLMs and <b>TavilySearchResults</b>, integrated via secure <b>RESTful APIs</b>.</li></ul>	
<b>LoanFitAI</b>   <a href="#">App Link</a>   <a href="#">GitHub Link</a>	Oct 2024 - Nov 2024
<ul style="list-style-type: none"><li>Tech Stack: Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn, FastAPI, Streamlit, REST APIs, Machine Learning, Data Science</li><li>Enabled real-time loan eligibility, ensuring <b>high precision( around 93% )</b> and efficiency with an <b>F1 score of 92 %</b> by designing a <b>Decision Tree</b> model with <b>93% accuracy</b> on a dataset of <b>1,100 rows</b>, using <b>oversampling</b> to address class imbalance.</li></ul>	

## SKILLS

<b>Programming Languages</b>	Python, C++, Object Oriented Programming
<b>Databases</b>	MySQL, Pinecone (Vector DB), DBMS concepts
<b>Tools/ Frameworks</b>	FastAPI, Streamlit, Langchain, Google ADK, Git/GitHub, Linux Commands
<b>AI/ML &amp; NLP</b>	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**.