

Anurag Bhandari

Amazon ML Summer School 2024



+91 8826514863



<https://github.com/WhiteWolf47>



bhandari2003anurag@gmail.com



<https://www.linkedin.com/in/anurag-bhandari-b1a8a821a/>

EDUCATION

Jaypee Institute of Information Technology

Noida, Uttar Pradesh

B.TECH CSE

Green Fields Public School

Safdarjung Enclave, New Delhi

High School

PROFESSIONAL EXPERIENCE

DATA SCIENCE INTERN

May 2024 - August 2024

INNATE AI

- Improved data preprocessing pipelines by implementing efficient workflows, resulting in 50% reduced data processing time.
- Fine-tuned LLMs & Transformer Models by optimizing hyperparameters, which enhanced task-specific performance by 40%
- Developed a RAG application for Text-to-Cypher query generation by integrating advanced algorithms, resulting in enhanced query accuracy by 60%.
- Orchestrated Agentic workflows using LangGraph and Langchain, resulting in state of the art LLM based pipelines.

AI ENGINEER INTERN

Oct 2023 - Nov 2023

WISEOPS AI

- Automated Athena Database SQL query generation by leveraging LLMs, Langchain, and Chainlit, which resulted in increased query generation efficiency by 70%
- Optimized data pipelines for data preparation by implementing robust processes, leading to improved data readiness.
- Enhanced data ingestion in RAG applications by web scraping documentation websites, resulting in better data availability.

ANALYST INTERN

Jun 2023 - Aug 2023

SKILL ROUTE ADVISORS LLP

- Fine-tuned diffusion-based models by customizing them to customer needs, resulting in improved model accuracy by 30%.
- Developed transcribing desktop application by integrating advanced features, resulting in improved real time transcription.
- Improved image classification tasks by implementing cutting-edge techniques, which increased the classification accuracy by a significant measure.

OPEN SOURCE

- Enhanced model performance by making valuable code contributions, including calibrating models which resulted in significant improvement in model accuracy by 40% in their [BugBug](#) project
- Recognized in Mozilla's Engineering Effectiveness Newsletter [March](#) and [April](#) 2023 edition

SKILLS

- | | | | | |
|--------------------|-----------------------------------|---------------|----------------|--------------------------------|
| • Python | • Data Analysis and Visualization | • Docker | • LLMs | • AI Agents |
| • Machine Learning | • NLP | • Git, Github | • SQL | • Data Structures & Algorithms |
| • Deep Learning | • Langchain/LangGraph | • Linux | • Data Science | • Vector Databases |

PROJECTS

WebWiz

WebWiz is a **multi-agentic** web search agent which uses **LangGraph** to implement **agentic workflow** to give you the best web search results. It is comprised of various agents and tools like Planner, websearch, Researcher, Scraping, Reporter, Reviewer tool. It is compatible with OpenAI, Gemini, Cluade and Groq. It even has a chainlit frontend.

IPL Win Probability Predictor

Streamlit Webapp based on an **XGBRegressor**-based ML model which predicts the win probability of IPL Teams during any instance of time in a match(2nd innings) with 96% accuracy.

Image Classification

Custom **RESNET9** architecture based **CNN** Model for the task of **Image Classification** on 131 categories of fruits and vegetables with 99% accuracy on the testing dataset.