

Anurag Bhandari

AI/ML/OSS ENTHUSIAST



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EDUCATION

Jaypee Institute of Information Technology

Noida, Uttar Pradesh

B.TECH CSE

2021-2025

Green Fields Public School

Safdarjung Enclave, New Delhi

High School

2019-2021

PROFESSIONAL EXPERIENCE

DATA SCIENCE INTERN

May 2024 - Present

INNATE AI

- Improved data preprocessing pipelines by implementing efficient workflows, resulting in reduced data processing time.
- Fine-tuned LLMs and Transformer Models by optimizing hyperparameters, which enhanced task-specific performance.
- Developed a RAG application for Text-to-Cypher query generation by integrating advanced algorithms, resulting in enhanced query accuracy.

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.
- 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.
- 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 in their [BugBug](#) project
- Recognized in Mozilla's Engineering Effectiveness Newsletter [March](#) and [April](#) 2023 edition

SKILLS

- | | | |
|--------------------|-----------------------------------|---------------|
| • Python, MySQL | • Data Analysis and Visualization | • LabelStudio |
| • Machine Learning | • NLP, Recommender Systems | • Git, Github |
| • Deep Learning | • Langchain, Chainlit | • Linux |

PROJECTS

RAGgle

Chainlit app for advanced RAG using **Langchain**, **llamaparse**, **qdrant** and model inference from **groq**

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

RESNET9 architecture based **CNN** Model for the task of **Image Classification** on 131 categories of fruits and vegetables.