

Ashish Kumar

B.Tech. | NIT Rourkela

Final Year, Chemical Engg.

DOB: 30 October 2002

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Education

2021-2025

B.TECH., CH

NIT Rourkela

CGPA : 7.22/10

MAY 2020

INTERMEDIATE

RNP Public School

Percentage: 92.2%

MAY 2018

MATRICULATION

HR Imperial Public School

Percentage: 88.2%

Links

LinkedIn: Ashish

Github: Ashish

Kaggle: Ashish

Skills

GENERAL PROGRAMMING

C++, Python

DATA VISUALIZATION

PowerBI

DATABASES

MySQL

SOFTWARES

Git, Github, Tensorflow, Jupyter, Anaconda,

Streamlit, LangChain

LANGUAGES

English, Hindi

Relevant Courses

Data Analysis

Data Visualisation

Artificial intelligence

MySQL

Optimization Techniques

Numerical Methods

Work Experience

MAY 2024 GENIE-AI

Summer Intern

- Enhanced semantic routers by integrating advanced chatbot features, improving user interaction and efficiency through the use of LangChain, FAISS vector database, and Gemini API.
- Built projects like "Chat With Pdf" and "Invoice Tax Extractor" to gain hands-on experience in Generative AI, utilizing tools such as LangChain, OpenAI API, and Hugging Face for document interaction and information extraction.

Projects

APR 2024 AdventureWorks BI Solutions

PowerBI

- Streamlined data extraction, transformation, and loading (ETL) processes using Power Query, integrating multiple data sources efficiently.
- Built a relational data model with a star schema, ensuring accurate relationships and optimized filter flow.
- Developed interactive Power BI dashboards with DAX, utilizing custom measures, slicers, and drillthrough features for data-driven insights.

SEP 2024 Student Performance Analysis

Python, scikit-learn

- Performed exploratory data analysis to uncover key factors affecting students' performance.
- Identified significant predictors of academic success through detailed data visualization and analysis.
- Deployed a Flask-based machine learning model for real-time predictions of student performance.

FEB 2024 Classifying Sentences in Medical Abstracts

NLP

- Replicated NLP model for sentence classification in medical abstracts based on their roles.
- Used PubMed 200k RCT dataset with 200,000 labeled abstracts for training and evaluation.
- Developed model to improve abstract readability by predicting sentence sections (objective, methods, results).

Achievements/Certifications

JULY 2023 Machine Learning Bootcamp

Udemy

NOV 2023 Deep Learning Tensorflow

Udemy

Extra Curricular Activities

2022-2023 Club member of AICHE

Club member

2022-2022 Coordinator, Innovision-2022

Coordinator