

Nikhil R

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Education

Coimbatore Institute of Technology

Integrated M.sc Data Science

Coimbatore | August 2020 – May 2025

CGPA: 8.69

National Model School

PCM with Computer Science

Coimbatore | Grad. 2020

Cum. Per:80

Experience

CleverInsight

Data Analyst Intern

July 2023 – December 2023

Ooty, Nilgiris

- Analyzed the historical data of voter behavior to forecast November 2023 state elections in Rajasthan, Madhya Pradesh, and Chhattisgarh; accurately predicted correct results for 2 out of 3 states using ML algorithms.
- Contributed to the early detection of very minute symptoms of chronic kidney disorder in patients, using classification models.
- Created use cases for the company's web page by comparing the product PredictEasy to traditional ways of Machine Learning, which resulted in a 20% boost in website traffic with appropriate Search Engine Optimization (SEO).

Academic Projects

OneLP | Django, MongoDB, NLP

- A Django-based application that utilizes Together API, LLM model, and MongoDB, serving as a one-stop solution for essential language processing tasks.
- Features include text summarization (from URLs, documents, and text), sentiment analysis(from CSV and TXT files), document chat, and voice-to-text conversion.

Finance-Wise-Decision | Streamlit, ML

- Built a financial fraud detection system for credit card fraud analysis, implemented SMOTE to address dataset imbalance and conducted credit risk analysis and customer segmentation as part of the project.

Economy Atlas | PowerBI, Octoparse

- A dashboard integrating data from multiple sources to analyze historical economic trends across 100 countries, highlighting 10 key economic indicators such as GDP growth, inflation, unemployment, trade balances, and 30-year historical trends.

Technical Skills

Programming Languages: Python, SQL

Frameworks: Django, Streamlit, FastAPI

Databases: MySQL, MongoDB

Tools and Techniques: GIT, Power BI, Octoparse, Langchain

Other Concepts: Machine Learning and Deep Learning, Natural Language Processing
Prescriptive Analytics and Generative AI

Soft Skills and Interests

• Strategic thinking • Active listening • Business Intelligence • Geo Politics • Finance • Sports • Defence

Achievements

- **Automated Insight Analysis:** Published the paper at the 9th International Conference on Business Analytics and Intelligence 2022, IIM Bangalore.
- **Melinia Hackathon, 2022:** Finalist in National level symposium conducted by CIT, 2022

Certificates

Machine Learning Specialization - Coursera | MongoDB - Simplilearn | Natural Language Processing - Udemy