



# Nikhil R *M.Sc. Data Science (Integrated)*

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## EDUCATION

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**Coimbatore Institute of Technology** 2020 – present  
M.Sc. Data Science CGPA: 8.69 (upto 6th sem)

**National Model Matric higher secondary school** 2014 – 2020  
12th grade : 80%    |    10th grade : 93%

## PROFESSIONAL EXPERIENCE

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**CleverInsight, Data Analyst Intern (6 months)** Jul 2023 – Dec 2023  
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- Analyzed voter behavior to forecast November 2023 state elections in Rajasthan, Madhya Pradesh, and Chhattisgarh accurately predicted correct results for 2 out of 3 states.
- Contributed to the early detection of modest symptoms of chronic kidney disorder in patients, with 98% accuracy using classification models.

## ACADEMIC PROJECTS

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**OneLP - Django, MongoDB, NLP**

- Developed a 100% Django-based generative AI application integrating Together API LangChain and the LLM model for natural language processing tasks.
- Implemented 5 most used features such as text summarization, sentiment analysis, language translation, document chat, and voice-to-text conversion.

**FinanceWise Decision System - Streamlit, ML, Smote**

- Developed a financial fraud detection system using a dataset of 10,00,000 rows to build credit card fraud detection along with the study of credit risk analysis and customer segmentation for the same.
- Enacted SMOTE to rectify dataset imbalanced and accomplished a Recall value of 0.99.

**Economy Atlas - PowerBI, Octoparse, BeautifulSoup**

- Built a dashboard with data from multiple sources to analyze historical economic trends in 100 countries.
- It features 10 key economic indicators, including GDP growth rates, inflation rates, unemployment figures, trade balances, and historical trends spanning up to 30 years.

## SKILLS

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**Programming Language:** Python, SQL

**Frameworks:** Django, Streamlit, FastAPI

**Databases:** MySQL, Mongoddb

**Tools:** GIT, PowerBI, Octoparse

**Other Tech:** Data Visualization, ML, NLP, Generative AI, LangChain

## INTERESTS

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Machine Learning    |    DBMS    |    Web Development    |    Geo Politics    |    Finance    |    Sports    |    Defence

## CERTIFICATES

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- Machine Learning Specialization - Coursera
- Data-Driven Decisions in Power BI - Coursera
- Natural Language Processing - Udemy

## PUBLICATIONS

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**Automated Insight analysis, IIM Bangalore**

- Published the paper at the 9th International Conference on Business Analytics and Intelligence 2022.