

NITIN KUMAR

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Profile Summary

Aspiring **Data Scientist** passionate about using **machine learning to create real-world solutions**. I'm skilled in **Python and SQL** and enjoy turning complex data into clear, actionable insights.

Experience

Data Science Intern

05/2025 to Current

Renu Sharma Foundation

Remote

- Collaborated with the project team to **deploy machine learning models** into a practical, real-world solution, reducing manual analysis time for the HR department.
- Documented code and project outcomes using github to ensure **reproducibility, maintainability, and clarity for future development**.
- Worked within an agile team to support AI project initiatives from concept to deployment, focusing on creating robust and reproducible results.

AWS- Training

07/2025 to 08/2025

GRAStech

Lucknow

- Developed proficiency in leveraging AWS services efficiently.
- AWS services** including **EC2, S3, Lambda, Iam, CloudWatch**.

Technical Skills

Programming & Databases: Python, SQL, Git/GitHub

Data Analysis & Visualization: Pandas, NumPy, Scikit-learn, Data Analytics, Data Preprocessing, Data Visualization (Power BI, Matplotlib, Seaborn)

Machine Learning & AI: Machine Learning (Supervised Learning, Unsupervised Learning, Clustering, Ensemble Learning), Deep Learning, Computer Vision, Natural Language Processing (NLP)

Projects

Insurance Data Intelligence Dashboard | [GitHub](#) | [Demo](#)

- Built an interactive Power BI dashboard integrated with SQL Server to analyze insurance data. Provided key insights into active policies (**58.13%**), top premium generators (**\$2.5M Travel**), and claims efficiency, informing operational improvements
- Tech Stack:** Power BI, SQL Server Integration, Power Query, DAX

HR hiring application | [GitHub](#)

- Developed an AI-powered Resume Screening Tool utilizing NLP (BERT, Sentence Transformers) to match, filter, and score resumes against job descriptions, enhancing HR efficiency.
 - Enhancing HR efficiency by reducing initial screening time by an estimated **90%**.
- Tech Stack:** Sentence Transformers, React, Supabase, Git/GitHub.

Fake News Detector | [GitHub](#) | [Demo](#)

- Built a real-time web app that detects fake news using a trained ML model with TF-IDF and Logistic Regression, **achieving 87% accuracy**, and deployed using Streamlit.

Education

Bachelor of Technology: Computer Science and Engineering

2022 to Current

Babu Banarasi Das University

Lucknow, Uttar Pradesh

10+2: PCM

Babu Triloki Singh Inter College

2021 to 2022

Lucknow, Uttar Pradesh

Certifications

Deep Learning for Computer Vision, CampusX