

# 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

<b>Data Science Intern</b> <b>Renu Sharma Foundation</b>	<b>05/2025 to Current</b> Remote
<ul style="list-style-type: none"><li>Collaborated with the project team to <b>deploy machine learning models</b> into a practical, real-world solution, reducing manual analysis time for the HR department.</li><li>Documented code and project outcomes using github to ensure <b>reproducibility, maintainability, and clarity for future development</b>.</li><li>Worked within an agile team to support AI project initiatives from concept to deployment, focusing on creating robust and reproducible results.</li></ul>	
<b>AWS- Training</b> <b>GRASTech</b>	<b>07/2025 to 08/2025</b> Lucknow
<ul style="list-style-type: none"><li>Developed proficiency in leveraging AWS services efficiently.</li><li><b>AWS services</b> including <b>EC2, S3, Lambda, Iam, CloudWatch</b>.</li></ul>	

## 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** Babu Banarasi Das University

**2022 to Current**

Lucknow, Uttar Pradesh

### **10+2: PCM** Babu Triloki Singh Inter College

**2021 to 2022**

Lucknow, Uttar Pradesh

## Certifications

### **Deep Learning for Computer Vision**, CampusX