

Ganesh Agrahari

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PROFILE

Aspiring AI & Data Science professional with expertise in Machine Learning, Deep Learning, and NLP. Proficient in Python, PyTorch, TensorFlow, and Computer Vision, with strong problem-solving skills in DSA. Built AI-driven solutions, including an **automated Face Recognition Attendance System** and **NLP-based Chatbots**. Completed data science internships at **Twilearn** and **Unified Mentor**, gaining hands-on experience in AI-powered analytics, model optimization, and real-world ML applications. Passionate about leveraging AI for real-world problem-solving and scalable solutions.

PROFESSIONAL EXPERIENCE

Data Science Intern

Twilearn

01/2025 – present
Pune, India(Remote)

- **Developing AI/ML models** for real-world applications in NLP, chatbot
- Conducting **data preprocessing and model fine-tuning** to enhance NLP model

Data Science Intern

Unified Mentor

11/2024 – 01/2025
Gurugram,
India(Remote)

- Worked on **Power BI dashboards** for real-time analytics and trend detection.
- Implemented a **text classification pipeline**, improving document categorization accuracy by 20%
- Developed an **NLP-based climate change analysis model**, extracting insights from 10,000+ news articles.

EDUCATION

Bca Data Science & Artificial Intelligence

BBD University 🔗

08/2023 – 09/2026
Lucknow, India

Intermediate

SVM inter college NTPC Unchahar

2022
Raebareli, india

PROJECTS

🔥 Face Recognition Attendance System (Python, OpenCV, CNN, SQL) 🔗

- Developed a real-time attendance system with **95% accuracy**, reducing manual efforts by **40%**

🔥 Movie Recommendation System (Python, NLP, Scikit-learn) 🔗

- Built a content-based recommendation engine achieving an **85% accuracy in user satisfaction tests**.

🔥 Climate Change Analysis (NLP) (Python, NLP, Pandas, Matplotlib) 🔗

- Extracted insights from **10,000+ climate reports** using NLP, improving trend detection efficiency.

🔥 SMS Spam Classifier (Python, Scikit-learn, NLP) 🔗

- Achieved **98% accuracy** in detecting spam messages using an optimized NLP model

🔥 Reliance Sales Report (SQL, Power BI, Excel, Python) 🔗

- **Data Cleaning and Transformation:** Comprehensive ETL process to remove inconsistencies and ensure data accuracy.
- **Sales Insights:** Displays sales trends, top-performing products, regional performance, and more.
- **Interactive Visuals:** Filter and drill down by product, region, time period, and other dimensions.

🔥 My-DeepSeek (AI Chatbot) (Python, DeepSeek API, Ollama, NLP) 🔗

- Developed an intelligent chatbot that understands user queries with **90% intent accuracy**.

CERTIFICATES

- Data Science Level 1 – IBM
- Analytics in IBM Cognos
- Machine Learning–Udemy
- Cyber Security – Microsoft
- App Development -BBDU
- NoSql & DbaaS 101 -IBM

ACTIVITY

Member of GDG(Google's Developer Group)

Lucknow, India

Member of Technical team

Lucknow, India

Aaina, BBDU

AI/ML Workshops Attendee

Lucknow, India

BBDU

SKILLS

Programming & Scripting:

- Python, Java, C
- **Data Structures & Algorithms (DSA)**, Competitive Programming

Data Science & Analytics:

- Power BI, , **Plotly**, Data Analysis, Data Visualization, Feature
- Tools: Power BI, Jupyter Notebook, Excel, Matplotlib, Seaborn

Web Development & Version Control:

- HTML, CSS, JavaScript, Node.js, Next.js
- Git, Version Control

AI/ML & Deep Learning:

- Machine Learning (Supervised & Unsupervised), Deep Learning, NLP, Computer Vision
- Frameworks: **PyTorch, Scikit-learn, OpenCV, NLTK**

Databases & SQL:

- Advanced SQL (Joins, Subqueries, Window Functions), NoSQL