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   01/2025 – present
Twilearn   Pune, India(Remote)
- **Developing AI/ML models** for real-world applications in NLP, chatbot optimization, and predictive analytics.
- Conducting **data preprocessing and model fine-tuning** to enhance NLP model performance.

Data Science Intern   11/2024 – 01/2025
Unified Mentor   Gurugram,
                                                                     India(Remote)
- Developed an **NLP-based climate change analysis model**, extracting insights from 10,000+ news articles.
- Worked on **Power BI dashboards** for real-time analytics and trend detection.
- Implemented a **text classification pipeline**, improving document categorization accuracy by 20%

EDUCATION

Bca Data Science & Artificial Intelligence   08/2023 – 09/2026
BBD University 🔗   Lucknow, India

Intermediate   2022
SVM inter college NTPC Unchahar   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.

📌 **My-DeepSeek (AI Chatbot) (Python, DeepSeek API, Ollama, NLP)** 🔗
- **Developed an intelligent chatbot** that understands user queries with **90% intent accuracy**.

📌 **SMS Spam Classifier (Python, Scikit-learn, NLP)** 🔗
- **Achieved 98% accuracy** in detecting spam messages using an optimized NLP model

CERTIFICATES

- Data Science Level 1 – IBM
- Cyber Security – Microsoft
- Analytics in IBM Cognos
- App Development -BBDU
- Machine Learning–Udemy
- 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:**
- Data Analysis, Data Visualization, Feature Engineering
- Tools: **Power BI, Jupyter Notebook, Excel**

🌐 **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, TensorFlow, Scikit-learn, OpenCV, NLTK**

🗄️ **Databases & Cloud Computing:**
- SQL, NoSQL
- Model Deployment & Optimization