

Ganesh Agrahari

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PROFILE

Aspiring AI & Data Science professional with expertise in **ML, Deep Learning, Computer Vision, Web Development, and AI-driven analytics**. Skilled in **Python, PyTorch, and DSA**, with experience in solutions like **Face Recognition Attendance System** and **Chat Analyzer**. Completed **data science internships at Twilearn and Unified Mentor**, gaining hands-on experience in **AI analytics, model optimization, and real-world ML applications**. Passionate about leveraging AI for scalable, real-world solutions.

EDUCATION

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

Intermediate 2022
SVM inter college NTPC Unchahar Raebareli, india

PROFESSIONAL EXPERIENCE

Data Science Intern 01/2025 – present
Twilearn 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 11/2024 – 01/2025
Unified Mentor 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.

SKILLS

Programming & Scripting:

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

Data Science & Analytics:

- Power BI, 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, Neural Networks
- Frameworks: **PyTorch, Scikit-learn, OpenCV, NLTK**

Databases & SQL:

- Advanced SQL, NoSQL(Mongo)DB

PROJECTS

Face Recognition Attendance System (Python, OpenCV, CNN, SQL) 📄

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

Cine Match pro(Movie Recommender) 📄

- **Built a content-based recommendation engine** achieving an **95% accuracy** in user satisfaction tests.

SMS Spam Classifier (Python, Scikit-learn, NLP) 📄

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

Chat Analyzer 📄

- Built a **WhatsappChat Analyzer** with **Streamlit** to analyze chats using **ML**, providing insights and stats.

CERTIFICATES

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

ACTIVITY

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|---|----------------|
| Member of GDG(Google's Developer Group) | Lucknow, India |
| Member of Technical team <i>Aaina, BBDU</i> | Lucknow, India |
| AI/ML Workshops Attendee <i>BBDU</i> | Lucknow, India |