

# Ganesh Agrahari

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📍 Lucknow, India

🔗 My-Portfolio

🌐 LinkedIn

🐙 GitHub

## 📄 PROFILE

Final-year BCA (DS&AI) student with solid expertise in **Python, Data Structures & Algorithms, Artificial Intelligence, and web development**. Built and deployed real-world AI/ML and full-stack applications. Skilled in designing **intelligent systems using Machine Learning, Deep Learning, and NLP**. Focused on creating scalable, AI-powered solutions that solve real problems.

## 📜 CERTIFICATES

- Data Science Level 1 – IBM
- Analytics in IBM Cognos
- Machine Learning–Udemy
- Cyber Security – Microsoft
- App Development -BBDU
- NoSql & DbaaS 101 -IBM
- Data Science 101 -IBM
- Predictive Modeling Fundamentals I -IBM
- Python 101 for Data Science - IBM

## 🧩 ACTIVITY

**HackerRun Problem Solving** 📄

03/2025 – present

**GitHub Streak Maintenance** 📄

10/2024 – present

**Member of GDG(Google's Developer Group)**

Lucknow, India

**Member of Technical team**

BBD University, Lucknow, India

**LeetCode Problem Solving** 📄

**AI/ML Workshops Attendee**

Lucknow, India

## 🎓 EDUCATION

**BCA Data Science & Artificial Intelligence(in collaboration with IBM)**

BBD University 📄

08/2023 – 09/2026 | Lucknow, India

Last Sem SGPA : 8.69

**Intermediate(PCM)**

SVM Inter College Ntpc

2022 | Raebareli, India

Percentage : 82%

## 👤 PROFESSIONAL EXPERIENCE

**Edubuk** 📄

Ai Intern

08/2025 – Present

- **AI Intern at Edubuk, enhancing products like TruCV with AI features** while also contributing as a developer for AI-driven solutions.
- Engineered the backend architecture for **TrueJobs using AWS services, integrating Bedrock for AI-driven processing, S3 for storage, OpenSearch for search and indexing, Lambda for serverless execution, and API Gateway** for secure endpoints.

**AICTE** 📄

AI/GenAi Intern at QTechSolutions

03/2025 – 08/2025

- Working on a **real-world healthcare site** to develop and integrate an **AI-powered chatbot for doctor consultations, medicine delivery**, and prescription recommendations.
- Implementing **NLP and machine learning** techniques to enhance chatbot accuracy, ensuring seamless and efficient user interactions in a scalable AI-driven system.
- Leveraging **Retrieval-Augmented Generation (RAG)** to provide dynamic, context-aware responses by combining LLM capabilities with real-time retrieval from healthcare databases.

**Twilearn** 📄

Data Science Intern

01/2025 – 03/2025

- Built DeepSeek-Copy **AI using Ollama locally with the 1.5B model**. Basically Import Deepseek Model from Ollama and customize on my requirement.
- Imported and deployed **large language models (LLMs) locally**, enabling offline generative capabilities for text-based applications.

**Unified Mentor** 📄

Data Science Intern

11/2024 – 01/2025

- Implemented a **text classification pipeline**, improving document categorization accuracy by 20%
- Developed an NLP-based climate change analysis system using **sentiment analysis and topic modeling** to extract insights from global news articles.

## 🧠 SKILLS

**Programming & Scripting:**

- Python, Java

**Web Development & Version Control:**

- HTML, CSS, JavaScript, Next.js
- Git, GitHub

**AI/ML & Deep Learning:**

- Machine Learning , Deep Learning, Computer Vision, Neural Networks, NLP, LLMs, RAGs
- Frameworks: PyTorch, Langchain, Streamlit, Scikit-learn, OpenCV, NLTK, Amazon Bedrock models

**Data Science & Analytics:**

- Data Analysis, Data Visualization, Feature Scaling, ETL
- Tools: Power BI, IBM Cognos, Jupyter Notebook, Matplotlib, Seaborn

**Databases & SQL:**

- SQL
- Mongo DB
- Vector DB(Opensearch)

**Cloud**

- AWS(s3, ApiGateway ,openserach, Lambda fucntion, cloudwatch, amazon bedrock)
- CI-CD Pipeline
- AWS CLI

## PROJECTS

### Face Recognition Attendance System :

- Designed and deployed a real-time face recognition attendance system using **Python, OpenCV, and CNN**, achieving **95%+ accuracy** and **reducing manual attendance tracking efforts by over 40%**. Integrated automated data logging and Excel export for seamless record-keeping.

### Nextjs Portfolio site :

- **Interactive Portfolio Website** – Built using **Next.js** and **deployed on Vercel**, featuring a **responsive design** and an **AI-powered chatbot** for seamless user interaction. Showcases my skills, projects, and experiences with a dynamic and engaging UI.

### Chat Analyzer :

- **Developed a WhatsApp Chat Analyzer using Streamlit and NLP**, extracting key insights and statistics from chat data.