

Niharika

[Email](#) | [Portfolio](#) | [LinkedIn](#) | [Github](#)

ABOUT

Aspiring Data Scientist skilled in Python, SQL, Flask, and Machine Learning, with a passion for turning data into actionable insights. Built scalable web apps, dashboards, and predictive models during academic projects and internships. Recently developed an **Employee Attendance System**, showcasing backend development and real-world problem-solving. Strong interest in AI, NLP, and collaborative learning environments.

SKILLS

- **Languages & Tools:** Python, HTML, CSS, JavaScript, SQL, Git, GitHub
- **Frameworks & Libraries:** Flask, Streamlit, NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn
- **Data & BI:** MySQL, MongoDB, Power BI, Excel
- **ML & Automation:** Machine Learning (Supervised/Unsupervised), Web Scraping (BeautifulSoup), Data Visualization
- **Tools & IDEs:** VS Code, Jupyter, PyCharm
- **Soft Skills:** Problem Solving, Communication, Teamwork, Adaptability

EXPERIENCE

PiSoft Informatics (*Onsite*)

Junior Developer (Data Science) (*Jan 2025 – Present*)

- Working on real-time browser tracking solutions, utilizing AI and data analytics to monitor user interactions and behaviors.
- Designed dynamic **ERP dashboards** using HTML, CSS, JavaScript, and Bootstrap to enhance data visualization and support better decision-making.
- Led the development of a secure, AI-powered **Face Recognition Attendance System** with liveness detection using **FastAPI, OpenCV, and face_recognition**. The system verifies real-time facial authenticity (anti-spoofing) before marking attendance. Integrated external APIs for employee data, implemented webcam-based UI, and ensured secure, in-memory processing with robust logging and error handling.

Excellence Technology (*Onsite*)

Data Science Intern (*July2023– Aug 2023*)

- Built an AI Career Path Recommender using **Python, NLP (spaCy)**, and **Streamlit** to analyze resumes, identify skill gaps, and suggest career roles and learning roadmaps
- Developed a laptop price prediction app using **scikit-learn** and **Streamlit**, applying **regression models** and feature engineering for accurate price estimation.

PROJECTS

Face Recognition Attendance System (AI/ML Project) | [Github](#)

- **Tech Stack:** Frontend: HTML, CSS, JavaScript (Webcam API) | Backend: Python (FastAPI, OpenCV, face_recognition).
- Built a secure employee attendance system using **FastAPI, face_recognition, and OpenCV**, featuring real-time face verification with **liveness detection** to prevent spoofing
- Integrated **webcam-based UI** using **HTML, CSS**, and **JavaScript**, with API connectivity for dynamic employee data and secure in-memory processing.
- Included activity/error logging, **base64 image** handling.

PiMeet (Flask Project) | [Github](#)

- **Tech Stack:** Frontend: HTML, CSS, JavaScript | Backend: Python (Flask) | Database: SQLite.
- Developed a smart meeting management system using **Flask** with **role-based dashboards** for admins, trainers, and users.
- Enabled meeting scheduling, trainer assignment, profile image uploads, and secure login/logout.
- Implemented dynamic dashboards for managing, tracking, and updating meetings, enhancing coordination and productivity.

AI Career Path Recommender (Data Science + NLP Project) | [Github](#)

- **Tech Stack:** Frontend: Streamlit | Backend: Python (spaCy, scikit-learn, pandas) | Database: JSON Files.
- Built an AI-powered career guidance app using **Python, spaCy, and Streamlit** to analyze user skills or resumes and recommend job roles
- Implemented **skill gap analysis**, personalized learning roadmaps, and integrated course suggestions (Coursera, Udemy, etc.).
- Enabled resume parsing with NLP, interactive UI with tabbed views, and structured backend with modular recommender and roadmap logic.

EDUCATION

PCTE Institute of Engineering & Technology (*Aug 2021 – May 2025*)

- Bachelors Of Technology in Computer Science
- CGPA: 8.58

CERTIFICATIONS

- Data Analytics and Visualization Job Simulation Accenture (Forage) | 2024
- Python with Data Science Udemy | 2024