ANKUR PANDEY

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OBJECTIVE

An engineering student with strong academics and a deep passion for technology is looking for internship in a relevant domain that aligns with my career aspirations. Excited to apply my skills, gain hands-on experience, and contribute meaningfully to innovative projects.

EDUCATION

Bachelor of Technology (CSE), Graphic Era Hill University, Dehradun — 2027
Relevant Coursework: Data Structures, Algorithms, OOPs, Fundamentals of IoT, Introduction to ML
Operating System, DBMS, Computer Networks
Current CGPA: 8.66

CBSE Senior Secondary (Class 12 - PCM), The Indian Academy School, Dehradun — 2023

SKILLS

Programming Languages	C/C++, Java, Python, JavaScript
Development	Firebase, Flask, MySQL, Git/GitHub
Data Science & ML	Pandas, Numpy, Sci-kit, Mathplot Lib, Librosa, TensorFlow
Soft Skills	Teamwork, Leadership, Adaptability

PROJECTS

GSONIX : ESP-32 Based System for Gun Shot Detection & Localization (Research Project) — Mar 2025
- Technologies used **Python, Librosa, SciPy, Sci-Kit Learn, TensorFlow and Chart-JS**
- **5× reduction in product cost** and significantly reduced operational expenses using on edge ML model
- Project won 1st prize in AIU Anveshan North Zone 2025. Qualified for International Research Convention

Company Bankrupty Prediction : Machine learning based Financial Risk Classifier — Aug 2024
- Trained a **Random Forest Classifier** on key matrices like ROA and current ratio
- Technologies used **JavaScript, Python, FLASK, and Sci-Kit Learn**
- Applied **feature selection and normalization** to enhance performance.
- Integrated into a **Flask Web App** for real-time predictions.

Certifyyu : Enables organizations to issue and verify digital certificates supports QR Scans [Demo] — Dec 2023
- Technologies used **HTML, CSS, JavaScript, Bootstrap, Firebase, Python and Pillow**
- Utilizes Firebase for Identity Management, Real-Time Database & Cloud Storage
- Achieved **50% Reduction** in certificate verification time in University Student Clubs with QR Codes

CERTIFICATIONS

- AWS certified **DevOps Engineer** — 2025
- **Data Analytics Job Simulation** by Deloitte — 2025
- **AWS Cloud Practitioner Essentials** by Amazon — 2024

ACHIEVEMENTS

- Presented research project in **AIU Anveshan 2025**, an International Student Research Convention organized by Association of Indian Universities. Qualified through the North Zone Convention with the first position.
- **Finalist of Graph-e-thon 2.0**, a National Level Hackathon organized by Technology Business Incubator, GEU.