

ANKIT SHAW

Full Stack Developer

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[Linkedin](#)

[GitHub](#)

[My Portfolio](#)

ABOUT ME

Motivated and detail-oriented Full Stack Web Developer with a strong foundation in front-end and back-end Technologies. Recently completed hands-on projects using modern frameworks like React and Node.js, demonstrating the ability to build responsive and user-friendly web applications. Eager to join a dynamic development team where I can contribute, grow, and expand my technical skill set. Committed to continuous learning and passionate about solving real-world problems through code.

EDUCATION

Kanchrapara Harnett English Medium School | 2021-2022

Class 12 (CBSE) | Percentage - 70.2%

Kalyani Government Engineering College | 2023-2027

Bachelor Of Technology | CGPA - 6.5

PROJECTS

Smart Precision Farming for Water Conservation

Tech Stack :

Frontend : React.js, Tailwind CSS, GSAP, THREE.JS, Chart.js, Day.js , Axios, React Icons.

Backend : Python, Flask + Flask-CORS, Requests, Open-Meteo API, GeoLocation API.

Database : Firebase

Features

- Location-Aware Farming
- Multi-Sensor Network Architecture
- 5 days hourly Weather Forecast
- Soil Moisture Chart

[GitHub](#)

Library Management System

Key Features :

- Admin & User
- Dashboard
- Login/Register user
- Book add,issue,submit

[GitHub](#)

CCTV Surveillance System

An AI-powered CCTV monitoring system that detects people and safety compliance (like helmets) inside restricted zones using YOLOv8 and OpenCV.

Tech Stack :

- Python OpenCV (cv2) – video stream handling
- Ultralytics YOLOv8 – object detection
- Custom Configs – config/zones.py for restricted zones
- Custom Utilities – logging and drawing helpers

Key Features:

- Real-time object detection using YOLOv8
- Monitors CCTV footage or video files
- Detects people entering restricted zones
- Helmet detection for safety compliance
- Logs alerts for violations
- Easy to configure zones and camera IDs

[GitHub](#)

SKILLS

- Programming - C++, Python, JavaScript, Java
- Database - MySQL, MongoDB, Firebase
- Frameworks/ Libraries - React.js, Node.js, Flask, Express.js, FastAPI, Email.js
- ML Libraries - Numpy, Pandas, Matplotlib, Seaborn, Scikit Learn, Tesseract OCR, YOLOv8, OpenCV
- Software - Visual Studio Code, Git & GitHub, Cursor AI