Raunit Kumar Thakur

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Portfolio

SUMMARY

Proactive and versatile AI Generalist and team leader with a passion for building full-stack, user-centric AI applications. Currently in the 4th year of a B.Tech in CS-AI, with a proven track record of developing end-to-end solutions—from initial concept and UI/UX design to machine learning model deployment and frontend delivery.

EDUCATION

Greater NOIDA College, NOIDA – B. Tech (CS-AI) (2022-26*)
BVM School, New Delhi - Intermediate (03/2022)
DAV Public School, Patna - Matriculation (03/2020)

PROJECTS

SMOOD (04/2025 - Present)
Building an emotion-detection app using Python, FastAPI, and Flutter. Integrated Firebase for real-time storage and user tracking.
Tech: Python, FastAPI, Flutter, Firebase

FarmIQ (06/2025)
Created a complete ML Driven Farming Partner, making people believe that AI is not only for elites, but for farmers as well.
Tech: FastAPI, PyTorch, React Native, Vanilla JS

SafeScape (07/2025 - Present)
Offline-first app for safe and shortest route for women, travelers, and night workers to filter out best possible route and avoid streets and roads that are marked dangerous in various categories
Tech: PWA, Flutter, JS, React Native

Mask Detector (08/2024)
Developed a real-time face mask detection tool using Python and OpenCV.
Tech: Python, OpenCV

3D Solar System Simulation (06/2025)
Crafted an interactive 3D solar system simulation using Three.js. Achieved dynamic orbital animation without relying on external CSS libraries, ensuring a pure JavaScript-based visual experience.
Tech: JavaScript, Three.js

SKILLS

Languages: Python, C++, JavaScript, SQL
Frameworks & Tools: FastAPI, Flutter, Firebase, Figma, PyTorch
Web: HTML, CSS
Other: AI/ML, Git
Assets: Leadership, Collaborative, English Fluency, Adaptability, Communication, Initiative, Problem-Solving