

SWAPNIL SHAW

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Education

Narula Institute of Technology, MAKAUT, India

2023 - 2027

- Branch: CSE | CGPA: 8
(expected)

Calcutta Public School, India

2020 - 2021

- ISC (Class XII), Aggregate: 83%

Calcutta Public School, India

2022 - 2023

- ICSE (Class X), Aggregate: 87%

Skills

Java | Python | Dart | C++ | C | Flutter | Firebase | AWS | GCP | MongoDB | Django | MySQL | Git | GitHub

Projects

Prescripto

(Apr 2025 - Present)

- Book appointments & medicine delivery; real-time tracking and payment.
- Provide blood supply coordination and emergency ambulance services.

RapidResQ – Emergency Response App

(Jan 2025 - Feb 2025)

- Developed an emergency app with one-tap SOS via voice command, offline GPS support, real-time Firebase alerts, and automated video/audio recording during critical events.
- Implemented fall detection using device sensors, ensured battery-efficient background operations, secure data storage, and a user-friendly interface optimized for high-stress use cases.

AI CCTV Surveillance and Alert System

(Mar 2025 - Present)

- Real-time video analytics, AI alerts, patent pending.
- Tech Stack: Python, TensorFlow/PyTorch, OpenCV.

Certifications

- Flutter development
- Android App Development
- Cybersecurity

Extracurricular Achievements

- Hackathon finalist demonstrating problem-solving
- Patent filed for AI-powered CCTV Surveillance