

SOHAM GURAV

Pune, Maharashtra, India

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Education

PES's Modern College of Engineering

Bachelor of Engineering – Electronics and Computer Engineering

Expected 2027

Savitribai Phule Pune University

Relevant Coursework

- Data Structures
- Database Management Systems
- Embedded Systems
- Object Oriented Programming
- Computer Networks

Projects

Smart Pill Dispenser Mobile Application | Flutter, Firebase

- Developed a medication management mobile application using Flutter and Firebase Authentication.
- Implemented secure user authentication and reminder scheduling for medication tracking.
- Designed pill scheduling and notification features to improve adherence and usability.
- Applied design thinking and user research as part of EYIC 2024–25.

Smart Attendance Monitoring System | ESP32, Flutter, Firebase

- Built an IoT-based attendance system integrating ESP32 with a Flutter mobile application.
- Implemented session-based Wi-Fi authentication using ESP32 AP + STA mode.
- Developed real-time attendance tracking using Firebase cloud storage.
- Designed time-restricted access to prevent proxy attendance.
- Created a scalable system architecture for classroom deployment.

Technical Skills

Programming Languages: Dart, Python, C, C++, Java, SQL

Frameworks & Technologies: Flutter, FastAPI, REST APIs, Async Python, OpenAI API

Databases & Backend Services: Firebase, Hive, MySQL, PostgreSQL, MongoDB, Redis

Developer Tools: Git, GitHub, Docker, Postman, VS Code, Bash Terminal, Notion

Concepts: Mobile App Development, API Integration, IoT Integration, Authentication Systems

Leadership / Extracurricular

Event Management & Marketing Head

2024 – Present

MARSMCOE

Pune

- Led planning and execution of student technical events and workshops.
- Coordinated teams for event logistics, marketing, and promotions.

Core Member & Social Media Manager

2024 – 2025

Entrepreneurship Development Cell & IIC

Pune

- Organized Pro-Start hackathons and startup initiatives.
- Managed digital promotions and designed marketing creatives for events.

Member – Training & Placement Cell

2024 – 2025

PES's Modern College of Engineering

Pune

- Assisted in coordinating MITCON industry visit and VOIS technical events.
- Gained exposure to industry networking and cybersecurity discussions.

Additional Information

Languages: English, Hindi, Marathi, French

Interests: Personal Finance, Investing, Communication, Networking