

Devarsh Mehta

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Summary — A Cross-Platform and Native Android Developer with a focus on app development using modern frameworks and AI-driven solutions. Skilled in Data Structures and Algorithms (DSA), with a strong foundation in Mobile App design and backend development. I also have experience with deployment and scaling processes on various. Currently a 4th-year ICT undergraduate.

Education

B.Tech in Information & Communication Technology

C.G.P.A: 8.82

Pandit Deendayal Energy University

2022 – Present

Relevant Coursework: Digital Communication, MATLAB, Data Science using Python, Ansys, Proteus 8.13, Arduino IDE

Skills

- **Mobile:** Flutter (Dart), Kotlin, Java, Jetpack Compose, XML, Coroutines, Dependency Injection
- **Backend:** SQLite, Supabase, Firebase, MongoDB, MySQL, Flask, PostgreSQL, FastAPI
- **Other Skills:** Google Maps API, Python, Scikit-learn
- **Web:** HTML5, CSS, JavaScript, React
- **Cloud:** AWS Lambda, AWS EC2, GCP, Azure, Docker, CI/CD
- **Version Control:** Git, GitHub, GitLab

Experience

Volcan Vision and Automation Pvt Ltd

19th May 2025 – 19th July 2025

Application Developer Intern (Hybrid)

- Developed a cross-platform Supply Chain Management system from scratch with **Flutter**, **Supabase** & a **PostgreSQL** backend—integrating three dashboards (admin, production & sales) for end-to-end visibility.
- Implemented real-time tracking & analytics, role-based notifications via FCM.

Gormish

5th December 2024 – 5th February 2025

Flutter & Backend Developer Intern (On Site)

- Built a food delivery app from scratch for street vendors, developing both frontend (Flutter) and backend (Flask).
- Designed and tested **10+ REST APIs** to interact with a **PostgreSQL** database, ensuring seamless data flow.
- Deployed the backend server on **AWS S3** and published the app on the Google Play Store.

CodeHop Interfusion

22nd May 2024 – 22nd November 2024

Native & Flutter Developer Intern (Remote)

- Collaborated with a team of **5+ developers** to create a multiplayer board game **Mason** in Flutter; enabling players to connect via a host mobile server on the same network.
- Integrated APIs, followed Agile methodologies, and delivered projects **20% faster**, reducing development cycle time by **2 weeks**.

Lead Developer - Conference Manager App for University

10th November 2024 – 5th December

The Plasma 2024 Conference App for PDEU

- Developed a comprehensive mobile application for the **Plasma 2024** conference, streamlining event management for **200+ attendees** Implemented real-time schedule updates, speaker details, and interactive Q&A features. [YouTube Link](#)

Projects

JATAYU - Women Safety App [GitHub Repository](#)

- Built a safety app using **Flutter**, **Firebase**, **YOLO**, alerting police within a **2 km radius**. Used Google Maps API.
- Integrated YOLO with RTSP, enabling **30+ rapid alerts/hour** for real-time surveillance, used Geolocation API for tracking;
- Ranked in the **top 25 teams** at **SIH 2024**. [Demo Link](#)

SmartSend - AI Email Scheduler [GitHub Repository](#)

- Built an AI-powered email scheduler using **Google Gemini API**, automating **20 emails/day** via **Java Mail API**.
- Designed and deployed the app in **Android Studio (Kotlin, XML)**, reducing manual scheduling time by **40%**. [Demo Link](#)

Position of Responsibility

- **Vice President**, Computer Society of India (CSI) Student Chapter, PDPU
- **App Development Head**, Google Developer Group, PDPU
- **Technical Lead**, IEEE CS Student Chapter, PDEU

Hackathon Participation

- **NASA Space Apps Challenge**, Nirma University, Selected as one of the top 10 teams from over 110+ participating teams.
- **Smart India Hackathon (SIH)**, PDEU, Selected among the top 25 teams from the college.