

# MANAV RAI

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**Portfolio:** manavrai.netlify.app | **GitHub:** github.com/coderiders22 | **LinkedIn:** linkedin.com/in/manavrai

## SUMMARY

Final-year CSE(Data Science) student at PEC Chandigarh (2026),targeting Software Engineer roles. Experience in full-stack development using **Next.js**, **Flutter**, and **Spring Boot**. Skilled in building scalable apps, REST APIs, and Responsive UIs with **JavaScript**, **PostgreSQL**, and **Figma**. Developed and deployed 4+ Production-grade applications for startups and institutions. Focused on solving product and performance challenges across the tech stack.

## SKILLS

- **Languages:** JavaScript, Dart, Python, Java, HTML, CSS, SQL
- **Frameworks & Tools:** Node.js, Next.js, Flutter, Spring Boot, Tailwind CSS, Git, Vercel, Figma
- **Databases:** MySQL, PostgreSQL
- **Expertise:** UI/UX Design, REST APIs, API Orchestration, Scalable Architecture.

## EXPERIENCES

### **SWE Intern | Nature9 Consulting Pvt. Ltd – Syncloop.com & Syncloop.ai | Jan – Jun 2025**

- Designed 3+ use cases and built key tools (flowchart builder, VS Code extension, Chathire demo), improving platform adoption and reducing support queries by 30%
- Developed Spring Boot microservices for AI agent/team creation on Syncloop.ai, reducing backend latency by 25% and enabling SEO, access control, and workflow automation.

### **Mobile Application Developer | PGIMER, Chandigarh | Jul 2024 – May 2025**

- Launched Flutter Healthcare app used by 100+ patients, improving tracking by 35%

### **Windows Application Developer | Indian Air Force | Jul – Oct 2024**

- Created telemetry tool, improving diagnostics speed by 40%

### **Founder's Office Intern | Foundingame (London, UK) | Aug – Sep 2024**

- Revamped UI flows and operations, boosting efficiency by 20%

## PROJECTS

- **Om Browser** Chromium browser with inbuilt JS extension to detect dark patterns |Github
- **VYC** KYC verification platform with advanced image processing | Github
- **AUSCULTATECH** AI-powered lung sound diagnostic platform | Github
- **WebInOrbit** Full-stack Next.js platform supporting 15+ startups | webinorbit.com

## EDUCATION

- B.Tech in CSE (Data Science), PEC Chandigarh | Nov 2022 – Jun 2026
- Senior Secondary, GMSSS 37-B, Chandigarh | Mar 2022
- Secondary, Shishu Niketan School, Chandigarh | Mar 2020

## CERTIFICATES & ACHIEVEMENTS

- **1st Place – Astronomix Hackathon, ASPS & ACM** (2023)
- **2nd Place – STGI 24-Hour Coding Marathon** (2024)
- **Finalist – IIT BHU Dark Patterns Hackathon** (2024)
- **Letter of Appreciation – PEC** for Android work with **PGIMER, CHD**