# MANAV RAI

Chandigarh , India | +91 8054776034 | manavrai454@gmail.com

in manavrai | ⬤ coderiders22 | manavrai.netlify.app

## PROFESSIONAL EXPERIENCES

1. **Software Developer Intern | Nature9 Consulting Private Limited– Syncloop.com**  [Jan 2025 -  June 2025]
   - Designed 3+ use cases and built key tools (flowchart builder, VS Code extension, Chathire.ai, product demo), improving platform adoption.
   - Contributed to Spring Boot microservices for AI agent/team creation on Syncloop.ai, enabling SEO, access control, and workflow automation.

2. **Mobile App Developer at PGIMER Sector-12, Chd**  [Oct 2024 - Jan 2025]
   - Launched Flutter Healthcare app used by 100+ patients, improving tracking by 35%

3. **Foundingame (London, GB)**  [Aug 2024 - Sep 2024]
   - Served as a **Founder's Office Intern**, contributing to operations and UI development by streamlining processes and enhancing user interface designs.

5. **Windows Application Developer | Indian Air Force | Aircraft Health Predictor**  [Oct 2023 – Feb 2024]
   - Created a Windows application for the Indian Air Force to predict aircraft engine health by processing data from the aircraft, improving diagnostics speed by 40%.

## PROJECTS

1. **Healthcare App – PGIMER Sector-12, Chandigarh**
   - Built a **Flutter-based healthcare app** for patient self-management in collaboration with medical professionals.
   - Built medical history & assessment modules with smooth data flow and secure API integration.
   - App adopted by **100+ patients**, improving tracking and usability.

2. **WebInOrbit – Full-Stack Platform (Personal Project)**
   - Designed the complete **frontend UI/UX** using **Next.js**, ensuring a smooth and responsive user experience.
   - Integrated multiple **REST APIs** using **Spring Boot**, including authentication, data operations, and credit-based feature access.
   - Implemented **secure, encrypted data handling** with Spring Security–based authentication.
   - Added early **AI-assisted tools** and set up a **scalable API structure** for future expansion.
   - The platform has been **used by 15+ businesses**  across India and international regions, helping them streamline workflows and improve productivity.
   - Collaborated with multiple founders to understand requirements and deliver practical tech solutions.
   - Live: **[webinorbit.com]**

3. **VYC (Verify Your Customer)**
   - Built interactive KYC platform with advanced image verification technology
   - GitHub: **[github.com/coderiders22/Data-Mavericks]**

4. **Om Browser - Dark Pattern Detection**
   - Chromium-based secure browser
   - Integrated ML-powered extension to identify and eliminate dark patterns on e-commerce websites
   - GitHub: **[github.com/coderiders22/Dark-Pattern-IIT-BHU-hackathon]**

## KEY ACHIEVEMENTS

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

## SKILLS

- **Languages:** Java 21(Spring Boot development), Dart, JavaScript, HTML, CSS, Python
- **Libraries/Frameworks:** Spring Boot, Next.js, Flutter, Tailwind CSS
- **Databases & Dev Tools:** PostgreSQL, Git, CI/CD Pipelines, RESTful API Development & Integration
- **Web & App Development:** Full Stack development, Authentication & Authorization, Performance Optimization
- **Project & Workflow Management:** Agile Execution, Technical Documentation, Team Collaboration
- **AI & Next-Gen Tools:** Gemini API, GitHub Copilot, OpenAI API, Prompt Engineering (for AI-assisted automation)

## EDUCATION

- B.Tech in Computer Science Engineering(Data Science) Punjab Engineering College, Chd  [Nov, 2022 – June,2026]