

MANAV RAI

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PROFESSIONAL EXPERIENCES

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

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