MANAV RAI

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EDUCATION

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

- Senior Secondary – 12th
  GMSSS 37-B Chandigarh   [March, 2022]

- Class 10th   [March, 2020]
  Shishu Niketan Senior Secondary School, Sector-22 D Chandigarh

SKILLS

- **Programming Languages:** HTML, CSS. JavaScript, Node.Js , dart, React.js.
- **Libraries/Frameworks:** Tailwind CSS, Vercel, flutter, Git (Version Control), MongoDB, My SQL, Figma, Wireframing, Ui-Ux.
- **Add-ons:** Web Development and App Development , Software Development,Entrepreneurial Leadership, Blockchain Technology

EXPERIENCES

1. **Founderverse (London, GB)**   [August 2024 - September 2024]
   - Served as a **Founder's Office Intern**, where I contributed to company operations and UI development projects. Demonstrated strong competence in operational tasks, including streamlining processes, supporting team initiatives, and enhancing user interface designs.
2. **WebInOrbit | Founder**   [August 2023 – Present]
   - Established WebInOrbit in August 2023, growing it as an early-stage startup.
   - **Developed** a User-Friendly interface for students to showcase their skills and projects enabling direct connection with companies globally . Managing the Frontend of WebInOrbit and constantly working on new features .
   - WebInOrbit, a responsive website, app, Software Development, ML Models Development Platform.
   - Recently completed a **confidential Figma design** for the WebInOrbit app, preparing it for launch.
   - **Developed** a groundbreaking platform facilitating job placement for college students to enhance skills and mitigate off-campus/on-campus placement hurdles. This platform empowers students to showcase their skills and secure opportunities directly.
   - **Successfully On boarded 100+ students across different regions and colleges within the first months; currently serving 100+ active users.**
   - For more information, visit **[webinorbit.com]**.
3. **Frontend App Developer/UI-UX Designer at PGIMER Sector-12, Chd**   [July2024 - Present]
   - Solely responsible for frontend development and integration with the backend of a comprehensive healthcare app focused on enhancing patient self-management for **lower back pain (LBP), collaborating with two backend team members.**
4. **Windows Application Developer | Indian Air Force | Aircraft Health Predictor**   [July2024-October2024]
   - Developed a Windows application for the Indian Air Force to predict aircraft engine health. The app processes aircraft data to predict its health.

PROJECTS

1. **Healthcare App Development for PGIMER, Sector 12, Chandigarh** *(App is in Development Phase)*
   - **Role-:** App dev but mainly focus on Frontend Development (UI-UX) and its Integrations
   - Collaborating with **PGIMER** to develop a comprehensive healthcare app focused on enhancing patient self-management for low back pain (LBP). **Responsible** for designing the **UI** in Flutter, implementing user information collection, medical history logging,3D Body Mapping for marking location of pain by patients, initial assessments, personalized treatment plans, and educational resources. Ensuring compliance with clinical guidelines and data privacy regulations.
2. **Made Om Browser which can detect Dark Patterns.**
   - **Browser:** A user-friendly browser based on Chromium (Secure and Stable open source browser), called Om, that has inbuilt dark patterns identification properties. It does so by using an inbuilt extension.
   - **Built in extension:** Om will have an inbuilt extension that detects and eliminates dark patterns on e-commerce websites. It has been integrated with ML models to detect these patterns.
   - GitHub Repository Link to download Browser **[github.com/coderiders22/Dark-Pattern-IIT-BHU-hackathon]**
3. **VYC (Verify Your Customer) [github.com/coderiders22/Data-Mavericks]**
   - **Role-:** Frontend Developer – Built interactive UI for seamless KYC with model integration.
   - VYC is a cutting-edge KYC platform offering seamless, secure user authentication through advanced image verification technology.
4. For more projects, please visit my **[manavrai.netlify.app]**

CERTIFICATES

- **Participated and Secure 2nd Position** in **STGI Technologies Consulting Pvt Limited** 24-hours coding marathon.
- **Participated and was a finalist in Dark Patterns Buster Hackathon (DPBH- Organized by IIT BHU, Varanasi .**
- **Participated in HackUnicorn Organized by Guru Tegh Bahadur Institute of technology , Delhi .**
- **Participated and Secure 1st Position in the Astronomic Hackathon organized by ASPS and ACM**

ACHIEVEMENTS

- Secure **1st Position in ASTRONOMIX HACKATHON Organized by ASPS and ACM** in 2023.
- Secure **2nd Position** in **STGI Technologies Consulting Pvt Limited** 24-hours coding marathon in 2024.
- Reached **the finale (Round 4)** of the **IIT BHU, Varanasi Dark Pattern Buster Hackathon** in 2024.