

MANAV RAI

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 LinkedIn |  GitHub |  Portfolio

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

SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, Node.js , Java, Next.js,dart
- **Libraries/Frameworks:** Bootstrap, Tailwind CSS, Firebase, Chromium, flutter, Github, Vercel
- **Add-ons:** Web Development and App Development , Software Development,Entrepreneurial Leadership, Blockchain Technology

EXPERIENCES

1. **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**.
2. **WebInOrbit | Founder** [August 2023 – Present]
 - Established WebInOrbit in August 2023, propelling a small startup into a thriving venture.
 - **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 feature .
 - WebInOrbit, a responsive website, app, Software Development, ML Models Development Platform.
 - **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.
 - Introduced a dynamic progress-tracking for students, allowing them to track their ongoing paid projects and view ratings for enhanced user experience.
 - **Successfully On boarded 100+ students across different regions and colleges within the first months; currently serving 100+ active users.**
 - For more information, visit [**Website Link**].
3. **Frontend Web Developer/UI-UX designer at CDGC, PEC Chandigarh** [October 2023 - Present]
 - Working as a Frontend developer/UI-UX for **CDGC Training and Placement Cell** at Punjab Engineering College, Deemed to be University, Chandigarh.

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 Repository Link**]
3. **EXOPLANETS [Github Repository Link]**
 - **Role-:** Frontend Developer (UI-UX)
 - Made a Machine Learning Model which will predict whether a planet is an exoplanet or not.
 - Concept Used: Random Forest Classifier and **Flask**
4. For more projects, please visit my [**Portfolio Link**]

CERTIFICATES

- **Participated in Hack Unicorn 2.0 36-Hour Hackathon .**
- **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**
- Reached **the finale (Round 4)** of the **IIT BHU, Varanasi Dark Pattern Buster Hackathon** in 2024.