

NILAY MANEKAR

Python Developer | Web App Development

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EDUCATION

B.Tech in Computer Science & Engineering

S.B Jain Institute of Technology, Nagpur

📅 06/2021 – 07/2025 CGPA – 9.28

Higher Secondary Education (CBSE)

GH Raisoni Vidya Niketan, Nagpur

📅 06/2021 – 07/2025 Percentage – 80.8%

Senior Secondary Education (CBSE)

New Orange City Convent, Warud

📅 06/2021 – 07/2025 Percentage – 91%

EXPERIENCE

Web Designer and Developer

TARS Technologies

📅 06/2024 – 10/2024 📍 Nagpur

- Designed and developed the TARS Tech website using **Figma** for **UI/UX** design and **React.js** for front-end development, creating a responsive and user-friendly experience.
- Worked on **two government** projects under **MAHAGENCO**, leading the **design** and **development** process to ensure accessibility compliance and meet stakeholder expectations.
- Led a team** of frontend developers, **mentoring** them and managing workflows to deliver **high-quality, scalable** web applications on time.

Web Designer and Developer

Little Jewels Kindergarten

📅 06/2024 – 10/2024 📍 Nagpur

- Designed visually appealing and user-friendly responsive UIs, ensuring **compatibility** and **seamless** experiences across various devices and screen sizes.
- Led a team of developers**, mentoring and guiding them through the development process to deliver a **high-quality** website that met project requirements.
- Managed** the entire project on **GitHub**, maintaining version control, overseeing code reviews, and facilitating efficient collaboration among team members.

ACTIVITIES

- Google Developer Student Clubs** Lead at Campus
- Delivered workshops on **Git**, **Flask**, **Figma**
- Design Lead at **CNCF** Nagpur
- Member at **GDG** Nagpur
- Web Master at **IEEE CS** at Campus
- Fellow **Organizer** at Devfest'23 and '24
- Fellow **Organizer** at IWD'23 Nagpur

PROJECTS

Book-Bot

Python | Flask | Supabase | SQL

Developed an **AI-Agent** on Telegram the college library using **Flask**, designed to make accessing resources effortless for students. With natural language processing (**NLP**), the bot offers real-time updates on resource availability and locations, plus **personalized recommendations** to help students discover what they need quickly and efficiently.

e-Courts

Python | Flask | ReactJs | Figma

Developed an AI system to prioritize cases using **Random Forest** and **Decision Tree** algorithms. Used **Flask** to build the **API** and integrate models for real-time interactions. **Designed & Developed a user-friendly UI** to display prioritized cases, enhancing the user experience. Gained experience in **machine learning, model hypertuning**, and **integration techniques**.

Decentralised EBS

Python | Flask | Supabase | HTML | Css

Developed a powerful **Transparent Election Booth System** for college elections using **Flask** and **Supabase**, building dynamic **REST APIs** and secure data gateways to ensure a seamless, transparent voting experience.

ProjectsSocial

Python | Django | PostgreSQL | NextJs | TailwindCSS

Built a community platform during a Hackathon for **ideators** and **developers** to share and collaborate on impactful project ideas. Developed the **frontend** and **UI** using **Next.js**, with experience in **CORS**, **auth**, and **deployment on Vercel**

SKILLS

Technical

Python | Javascript | HTML/CSS | SQL | ReactJS | NextJS | Flask | Supabase

Soft Skills

Problem Solving | Leadership | Ideation | Team Work | Communication | Presentation