

Manika Singla

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Objective

Motivated Software Developer with expertise in C++, Java, Python, and Web Development. Experienced in building full-stack applications, AI models, and database-driven applications. Seeking an internship to apply my technical skills in a real-world setting.

Education

Thapar Institute of Engineering and Technology, B.Tech in Computer Science and Engineering August 2023 - June 2027

- GPA: 9.02/10.0
- **Coursework:** Operating System, Cognitive Computing, Design and Analysis of Algorithms

Experience

Internship, Remote - InLighn Tech March 2025 - June 2025

- Maintained fully responsive websites made with HTML, CSS, JavaScript and React.js.

Internship, Remote - Younity Community Pvt Ltd March 2025

- Participated in a 14-day internship program focused on learning marketing skills, negotiation skills, and strategy development.

Internship, TIET - ELC June 2025 - July 2025

- Developed a model that analyses whether the patient is schizophrenic or not based on EEG signals and added Explainable AI.

Projects

Spotify Clone

- Spotify Clone Created a responsive layout with functional navigation and used JavaScript for songs and volume control.
- Tools Used: HTML, CSS, JavaScript

Twitter Clone

- Built a fully responsive Twitter clone using Tailwind CSS.
- Tools Used: Tailwind CSS

E-Commerce Website

- Developed Saleseller, a responsive e-commerce platform using Tailwind CSS with advanced product filters, search, wishlist and cart features for seamless user experience.
- Currently expanding it to a Full-Stack website ensuring a fully functional website
- Tools Used: React.js, Tailwind CSS, API

Portfolio Website

- Designed and developed a personal portfolio website to showcase my web development skills, educational background, and projects — featuring a responsive layout and integrated contact form for direct communication.
- Tools Used: HTML, CSS, JavaScript, JSON

Technologies

Languages: C, C++, Java, Python, R

Web Development: HTML, CSS, JavaScript, MERN, Next.js, PHP

Database Management: MySQL

Core Concepts: Data Structures and Algorithms (DSA) , Object-Oriented Programming (OOPs)

Other Skills: AI and ChatGPT Tools, Cognitive Computing, PowerPoint Presentations

Extra-Curricular Activities

Certified AI and ChatGPT Tools Expert (be10x)

5 Jan 2025

Skilled in applying AI solutions to streamline workflows, boost efficiency and drive intelligent automation.

Chief Technology Officer (CTO) (TIET)

Shortlisted for CTO position at Coding Ninjas TIET Chapter

Experiential Learning Activities(TIET)

Mobile App Development, Robotic Arm, Handwritten Text Recognition, Real-Time Computer Vision