Sanmeet Singh

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EDUCATION

Guru Nanak Dev Engineering College, Ludhiana, India Oct 2021 – July 2025
B.Tech. in **Information Technology** CGPA – 7.5/10
Coursework: Software Development & Testing (SDLC Models), Operating Systems, Data Structures and Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases, Internet of Things, Web Programming, Enterprise Systems

SKILLS

Languages	HTML, CSS, Python, Java, SQL
Web Frameworks	MongoDB, Express.js, React.js, Node.js
Design	Photoshop, Illustrator, Premier-Pro, CorelDraw
Platforms	Linux, Windows
Soft Skills	Leadership, Event Management, Time Management, Teamwork, Problem Solving

EXPERIENCE

Growth Pixel May 2022 - Aug 2022
Graphic Design Intern *Remote*
- Conceptualized and executed visually stunning designs in adherence to client briefs and brand standards, demonstrating creativity and attention to detail.
- Expertly assembled and finalized presentation materials for printing, consistently delivering polished and professional outcomes to enhance client satisfaction and project success.

Creations Media Aug 2024 – Dec 2024
Web Development Intern *New Delhi*
- Contributed to collaborative project teams, leveraging web development expertise to design innovative website layouts and drive successful project outcomes.
- Spearheaded bug fixing initiatives, resolving issues promptly to ensure seamless website functionality and user experience.

PROJECTS

SmartEd **MongoDB, Express.js, React.js, Node.js (MERN)**
A web application developed for my college aimed to provide students with easy access to course materials tailored by their professors. Serving as a centralized hub for learning, it offered video lectures delivered by university professors, enabling students to catch up on missed classes or revisions at no additional cost.

Medigen **React.js, Figma**
The Medicine Image to Text Converter simplifies medication management by allowing users to upload medicine images and swiftly extract vital details such as the medicine's name and potential side effects. This user-friendly web tool enables efficient conversion of medicine information into digital format for easy reference and organization.

Automated Smart Parking System **Python, OpenCV, EasyOCR, YOLOv8, Arduino**
Designed and implemented an AI + IoT based system to automate vehicle entry and manage parking slot allocation. Integrated YOLOv8 and EasyOCR for real-time number plate detection, with GUI for registration, editing, and monitoring. Controlled servo-based barrier via Arduino.

VOLUNTEER EXPERIENCE

Computer Society of India, GNDEC
Creative Head Feb 2022 – 2024
- Heading a team of 20 executive members.
- Executed strategic plans to enhance the society's creative output, overseeing the development of engaging content and events that enriched the community's cultural experience.

CRY-Child Rights and You   June 2020 – 2024
Youth Intern
- Managing donor data and overseeing leads for children experiencing abuse.
- Instructing a class of 45 underprivileged children in fundamental Computer Science concepts.
- Initiated various offline and online crowdfunding programs which raised over 20000 USD.

HONORS AND AWARDS

- Secured second **position in an inter-college hockey tournament**, showcasing exceptional skill, teamwork, and competitive spirit on behalf of the college team.
- Advanced to the final round of Service Selection Board (12 SSB Bangalore), showcasing leadership, teamwork, and analytical skills.
- Participated in the prestigious **Pre-Republic Day camp organized by NCC in 2023**, showcasing commitment to national service and undergoing intensive training in discipline and teamwork.
- Secured **third position in Inter-College digital poster creation.**