

# Navjot Singh

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## EDUCATION

**Thapar Institute of Engineering and Technology**

*Bachelor of Engineering in Computer Science*

Patiala, Punjab

*Sept. 2022 – Jun. 2026*

## EXPERIENCE

**Software Development Intern, KOMPTE. Sportech Pvt. Ltd.**

Jun 2025 – Jul 2025

- Developed and optimized web applications using Python and JavaScript while collaborating with experienced engineers in a hybrid agile environment.
- Gained hands-on experience in debugging, testing, and industry best practices, enhancing both technical and team-based problem-solving skills.

**Cybersecurity Intern, Threat Prism**

Jul 2023 – Sept 2023

- Built a network and port scanner under expert guidance.
- Conducted information gathering and reconnaissance using industry tools.

## SKILLS

**Languages:** C, C++, Python, JavaScript, HTML/CSS, SQL, MATLAB, R

**Frameworks and Libraries:** Node.js, Express, React.js, Next.js, TailwindCSS, Flask

**DevOps & Tools:** Linux, Docker, GitHub Actions, AWS, Postman

**Database:** MongoDB, Mongoose, MySQL, PostgreSQL, Firebase

**CS Fundamentals:** Data Structures (150+ problems solved), DBMS, OS, CN, OOP

## PROJECTS

**AI-Powered Interview Simulator (Capstone Project)** *Python, FER2013, NodeMCU*

- Built a real-time interview simulator with adaptive ChatGPT questioning and facial/ECG-based behavior monitoring.
- Delivered recruiter dashboards showing confidence analytics using live physiological and facial data.

**Learning Endless (Hackathon)** *HTML, CSS, JavaScript, Node.js, MongoDB*

- Developed a student-led learning platform with peer-to-peer course sharing and alumni mentorship integration.
- Implemented secure session scheduling, backend APIs, and MongoDB cloud hosting.

**Bank Loan Dashboard (Data Analytics Project)** *Tableau, Power BI, Excel, Python*

- Created an analytics dashboard to visualize loan performance, credit score trends, and customer demographics using Tableau and Power BI.
- Automated data pre-processing and KPI generation using Python.

## POSITIONS OF RESPONSIBILITY

**Mentor at CCS TIET**

Jul 2023 – Jul 2025

- Organized hackathons and conducted mentor sessions for juniors.

**Executive Member at SAIC TIET**

Jul 2023 – Jul 2025

- Organized college-wide hackathons and led the planning of our institute's largest alumni event to date.