Ansul Pal

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Education

Guru Nanak Dev Engineering College Ludhiana
B.Tech in Information Technology — Aug 2021 – Jun 2025
Ludhiana, Punjab

Hackathon

"Kavach" Hackathon — Jun 2023
Ministry of Home Affairs and Ministry of Education of India

- Participated in the "Kavach" hackathon organized by the Ministry of Home Affairs of India. Our team secured the runner-up position, showcasing innovative solutions to critical national security challenges.
- Worked as a full-stack developer, implementing the backend using Node.js, the frontend using React, and integrating Cloudinary for picture storage with secure authentication.

Internships

Software Developer — Mar 2023 – May 2023
Ansh Infotech, Ludhiana, Punjab

- Developed and enhanced features for a live e-commerce site using the MERN stack, improving page load time by 20%.
- Implemented user authentication and payment processing, resulting in a seamless user experience and a 15% increase in user retention.

Technical Skills

Programming Languages: JavaScript, Java, HTML, CSS, C++
Frameworks: React, Node.js, Bootstrap, Express.js
Databases: MongoDB, MySQL
Designing Tools: Figma, Canva

Projects

E-Commerce Website
React, Node.js, MongoDB

- Built an e-commerce platform combining aesthetic design and robust functionality, ensuring a pleasant and efficient shopping experience for users.
- Integrated Cloudinary for storing product images and implemented secure user authentication.

User Tracking and Monitoring Website
MERN Stack

- Developed a system to track police officers' locations using GPS to ensure duty place availability during hours.
- Used Cloudinary for storing location-based images and implemented secure user authentication.

Blood Source Navigator
MERN Stack

- Assisted hospitals in finding nearby blood donors, ensuring timely blood supply to save patients' lives.
- Integrated Cloudinary for managing donor information images and implemented secure user authentication.

Extracurricular Activities

Database and Technical Team Head Aug 2022 – Present
Data Science Club, GNDEC

- Managed Google Forms and Excel data proficiently, contributing to the planning and execution of events.
- Fostered a dynamic learning environment, enhancing teamwork and leadership skills within the club.

Senior Executive Member Mar 2022 – Present
FM Radio Station, GNDEC

- Organized and hosted campus-wide events, enhancing communication and coordination skills.
- Played a key role in expanding the station's outreach through creative programming and promotional campaigns.

Cadet, NCC Air Wing Nov 2021 – Nov 2024
National Cadet Corps

- Participated in multiple camps and competitions, demonstrating discipline, resilience, and leadership.
- Played a vital role in group activities, honing skills in collaboration and organizational efficiency.