Nakul Garg

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EDUCATION

Punjab Engineering College   Chandigarh, India
Electronics and Communication Engineering (CGPA: 8.8)   *2021 – 2025*

Vasant Valley Public School   Sangrur, Punjab
Class XII (95.6 %)   *2020 – 2021*

Vasant Valley Public School   Sangrur, Punjab
Class X (96.5 %)   *2019 – 2020*

EXPERIENCE

Trident Group Company   Jan 2024– May 2024
Software Developer Intern   *Barnala, Punjab*

- Utilized Eclipse IDE to design and implement **20+ entities**, contributing to the architecture of a new ERP system, ensuring entity re-usability and scalability
- Performed **50+** database operations using **SQL** for data modeling and schema design in IBM DB2
- Created **10+ interactive** data analytics dashboards in Tableau, integrating multiple data sources supporting data-driven decision-making leading to **20%** increase in operational efficiency.

PROJECTS

Urbanmart | *MERN Stack*   Link

- Architected full-stack e-commerce platform using MERN stack (MongoDB, Express.js, React, Node.js), integrating Razorpay **payment gateway**
- Implemented Redux Toolkit for state management across **15+** components, reducing API calls by ∼**10%** and improving page load time
- Engineered dynamic cart updates and real-time search functionality in API achieving increased product discovery

Coursetube | *MERN Stack*   Link

- Developed video learning platform using React.js, integrating YouTube API to process videos
- Architected scalable state management system using **Redux Toolkit**, handling complex user interactions and data flow across **10+ components**
- Engineered real-time data synchronization using Firebase, implementing user authentication and cloud storage for **20+ users**

TECHNICAL SKILLS

Languages: C++, Python, SQL, JavaScript/TypeScript, HTML/CSS

Technical: Data Structures and Algorithms, React, Node.js, Firebase, Redux, Express.js, Git, DBMS, Operating Systems, OOPS

Soft Skills: Quick sight, Decision making, Discipline, Enthusiastic, Teamwork

POSITION OF RESPONSIBILITY

Member Placement Cell(PEC)

- Spearheaded placement and internship drives for **700+ students**, achieving **65% placement rate** within 2 phases by coordinating with **10+ corporate recruiters** and organizing **10+** selection processes
- Designed placement analytic dashboards across **8 departments**, analyzing performance metrics and compensation trends optimizing placements by **15%**

ACHIEVEMENTS

- **600+ DSA** Questions solved on Coding Platforms
- **500+** Github contributions in 2023-24
- Won **2nd** Prize in Technothon(Hackathon) organised by IEEE