

Nakul Garg

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Leetcode: leetcode.com/u/nakul30

EDUCATION

- **Punjab Engineering College** Chandigarh
Electronics and Communication Engineering; CGPA: 8.77 2021 – 2025
- **Vasant Valley Public School** Sangrur
Class 12; Percentage: 95.6 2020 – 2021
- **Vasant Valley Public School** Sangrur
Class 10; Percentage: 96.4 2019 – 2020

EXPERIENCE

- **Trident Group Company** Barnala, Punjab
Business Analyst Intern February 2024 - May 2024
 - **Developed Abstract and Interface Classes for ERP System** Utilized Eclipse IDE to design and implement abstract and interface classes in Java, contributing to the architecture and modularity of a new ERP system, ensuring code reusability and scalability
 - **Managed IBM DB2 Database and Generated Reports** Performed database operations including SQL query optimization, data modeling, and schema design in IBM DB2, and generated comprehensive reports using i-net Crystal Clear for real-time data analysis and presentation
 - **Designed Data Analytics Dashboards** Created interactive and dynamic data analytics dashboards in Tableau, employing advanced data visualization techniques and integrating multiple data sources to support data-driven decision-making and KPI tracking

PROJECTS

- **Urbanmart—Ecommerce Fashion Website** Link
 - Ensured a seamless and efficient full-stack development process that integrates a robust backend using Express.js, MongoDB, Node.js and responsive frontend using React.js
 - Implemented advanced state management using Redux Toolkit, optimizing application performance and maintainability by efficiently handling complex state logic and asynchronous data fetching, leading to an improved user experience
 - Integrated real-time functionalities such as live product search, dynamic cart updates, and instant order processing, leveraging Redux Toolkit, to provide users with a responsive and interactive shopping experience
- **Roommate Finder — Web app to find Roommate** (Currently Working)
 - Developing a real-time roommate matching system that will update user preferences and compatibility scores and will help to find roommate nearby
 - Creating an intuitive and user-friendly interface with React.js, focusing on a smooth and responsive user experience

PROGRAMMING SKILLS

- **Languages:** Python, C++, JavaScript, MySQL
- **Technical:** Data Structures and Algorithms, Node.js, MongoDB, Express.js, React.js, Firebase, Redux, Git, DBMS, OOPS, SQL and Non Sql Database, Operating Systems
- **Soft Skills:** Quick sight, Decision making based on past events, Photographic memory, Multitasking

POSITION OF RESPONSIBILITY

- **Member Placement Cell(PEC)**
 - Conducted placement and internship drives along with career counselling sessions and training events involving 700+ students keeping communication ahead