Yash Raj Harsh

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Education

Lovely Professional University

2022 - 2026

B. Tech in Computer Science & Engineering

7.74 CGPA

Nalanda University

2020 - 2022

Class XII

75%

Projects

Social-Chat Application

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- Developed Backend using NodeJs, ExpressJs, MongoDB, and Socket.io for real-time group chat.
- Implemented authentication, authorization, and user data storage with MongoDB.
- Created a responsive Frontend using React and Chakra UI for smooth user engagement.

Money Tracking Application



- Built a NodeJs and MongoDB Backend to track income and expenses.
- Designed a React Frontend for visualizing transaction history.
- Implemented real-time tracking and graphical displays of transactions.

Technical Skills

Languages: C++, Java, JavaScript

Backend: Node.js, Express.js

Frontend: React, HTML, CSS, Bootstrap

Databases: SQL, MongoDB

Developer Tools: Postman, VS Code, GitHub

Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Operating Systems
- Computer Programming
- Backend Development
- Frontend Development
- Problem Solving
- Software Engineering

Algorithmic Competitions & Achievements

Leetcode Rank - 85,501

- Solved **500**+ questions across major Data Structures and Algorithms topics.
- Ranked in the top 20% globally, proficient in graphs and dynamic programming.

CodeChef 3-Star ★★★

- Achieved a **1633 rating**, ranked in the top 30%.
- Earned three-digit ranks in several contests.

Codeforces Rating - 981

- Participated in 5 Div 2 contests with a max rating of **1021**.
- Ranked in the top 50% in Codeforces round 923, Div 3.

Certification

ChatGPT Advanced Data Analysis

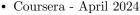


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• Coursera - April 2024

• Learned to automate tasks like turning Excel files into visualizations, and extracting data from PDFs. Producing social media and marketing content from a series of documents.

Dynamic Programming, Greedy Algorithms



 Studied algorithm design techniques, NP-completeness, and advanced data structures And Gained proficiency in advanced data structures and algorithmic problem-solving