

# YASH RAJ HARSH

+91 8460888310    yash1402raj@gmail.com    LinkedIn    GitHub  
Address: Doddaballapur Main Rd, Bengaluru, Karnataka

## Education

### Lovely Professional University

*B.Tech in Computer Science & Engineering*

2022 – 2026

7.74 CGPA

### Nalanda University

*Class XII*

2020 – 2022

75%

## Projects

### Social-Chat Application



- 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     | • Operating Systems    | • Frontend Development |
| • Algorithms Analysis | • Computer Programming | • Problem Solving      |
| • Database Management | • Backend Development  | • 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



- 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



- Coursera - April 2024
- Studied algorithm design techniques, NP-completeness, and advanced data structures And Gained proficiency in advanced data structures and algorithmic problem-solving