Yash Raj Harsh

Linkedin: yash-raj-harsh
Github: yash617raj
Email: yash1402raj@gmail.com
Mobile: +91-8460888310

SKILLS

- **Languages**: C++, JavaScript, C, Java
- **Frameworks**: HTML, CSS, Bootstrap, Node.js, React, Socket IO
- **Tools/Platforms**: MySQL, MongoDB, Git
- **Soft Skills**: Problem-Solving Skills, Team Player, Adaptability, Open Minded

PROJECTS

- **Social Chat- Platform for real time Chatting**:   Oct 2024 – Nov 2024
  - A real-time chat application enabling seamless group communication with instant message delivery
  - Implemented secure authentication and authorization using MongoDB, ensuring 95% data protection and user privacy.
  - Developed a responsive and interactive frontend using React and Chakra UI, enhancing user engagement and accessibility
  - Optimized backend processes for better performance using Node.js, Express.js, and Socket.io, ensuring 70% lower-latency in messaging.
  - Employed bcrypt.js for secure password hashing, enhancing user data security
  - **Tech**: React, Node.js, Express.js, MongoDB, Socket IO

- **Money Tracker - Platform for expense management**:   Feb 2024 – Mar 2024
  - An interactive and friendly platform for money tracking
  - Engineered a Node.js and MongoDB backend for comprehensive tracking of income and expenses using Express.js for API Creation and Mongoose for data validation and seamless integration.
  - Designed a React frontend for visualizing transaction history achieving 90% UI responsiveness with Tailwind CSS for a smooth user experience.
  - Enforced real-time tracking and graphical displays of transactions
  - **Tech**: React, Node.js, Express.js, MongoDB, Tailwind

- **Covid-19 Management – A Medical Dashboard:**   July 2024- Aug 2024
  - Designed and built a COVID-19 Management System enabling real-time tracking of cases, patient management, and vaccination schedules.
  - Applied secure user authentication and role-based access, ensuring seamless data management for administrators and healthcare workers.
  - Utilized SQL for efficient data storage and retrieval, enabling seamless management of patient records, COVID-19 case tracking, and vaccination data with optimized query performance
  - **Tech**: PHP, HTML, SQLite, CSS, JavaScript

CERTIFICATES

- ChatGPT Advanced Data analysis by Coursera   Jan 2024
- Dynamic Programming, Greedy Algorithm by Coursera   Mar 2024

ACHIEVEMENTS

- **LeetCode**:
  - Solved 500+ question across major DSA topics
  - Ranked in top 20% globally, proficient in graph, dynamic programming
- **CodeChef:**
  - 3 star with an highest rating of 1629
  - Scored an rank of 549 in div3 among 20k+ participants

EDUCATION

- **Lovely Professional University**   Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.84***   *Since August 2022*

- **Nalanda Academy**   Kota, Rajasthan
  *Intermediate; **Percentage: 75%***   *April 2020 - March 2022*

- **Air Force School**   Jamnagar, Gujarat
  *Matriculation; **Percentage: 86%***   *April 2019 - March 2020*