

# YUVRAJ SINGH

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[LinkedIn](#) | [GitHub](#)

## EDUCATION

### Institute of Engineering and Management

Bachelor of Technology in Computer Science Engineering

CGPA: 9.33 (till the fourth semester)

Kolkata, India

June 2021–May 2025

### Mahanth Tapeshwar Goswami S.S. School

Higher Secondary Education in Mathematics, Physics, and Chemistry

MARKS: 84%

Chapra, India

June 2018–May 2020

## SKILLS

Programming Languages: C, C++, Python, JavaScript  
Web Development: HTML, CSS, Tailwind, Node.js, Express.js, React.js, MongoDB, Redux  
Development Tools: Git, Visual Studio Code, Postman, MongoDB Compass  
Subjects: Data Structures, Algorithms, Operating Systems, Computer Architecture

## PROJECTS

### Full Stack Edtech Platform [\(GitHub\)](#)

MERN Stack

- integrated Mongoose, Redux, and JWT to increase functionality and improve security.
- designed MongoDB database structures for efficient storage of user profiles, courses, and progress data.
- Built RESTful APIs with Express.js for user authentication, course enrollment, and course creation.
- Created interactive UI components using React to ensure seamless user experiences.
- Managed the global state and guaranteed application performance using Redux.

### Personal Portfolio Website [\(GitHub\)](#)

Next.js, Framer Motion, Tailwind CSS

- Made my personal portfolio website to showcase my skills and projects.
- Utilized Next.js, Tailwind CSS, and Framer Motion for optimized performance, responsive design, and interactive animations.
- Responsive design, smooth animations, fast loading, SEO-friendly, and accessible.

### LeetCode Problem Extension [\(GitHub\)](#)

HTML, CSS, JavaScript

- After activating the extension, you won't be able to access any website except LeetCode until you solve the assigned problem.
- Managed tabs, user interactions, and background tasks with ease using Chrome Extension APIs.
- Incorporated an unofficial LeetCode API to fetch and present daily coding challenges.
- Implemented an algorithm to assign challenges, enhancing engagement and diversity randomly.

## ACHIEVEMENTS

- Solved **600+** questions at [LeetCode](#). (**3-Star** Achiever)
- Earned a 5-star rating in problem-solving at [HackerRank](#).
- Achieved Qualification for Level 1.2 of the [Flipkart Grid 5.0](#) Competition.
- Solved 200+ questions on [GeeksForGeeks](#). (**550+** overall Coding Score)
- Solved 250+ questions on [codingNinjaStdio](#). (Specialist)
- Ranked 9th in the College Coding Competition at [CodingNinjaStdio](#). [Feb 2023]

## CERTIFICATIONS

- [Problem Solving Through Programming in C - NPTEL Online Certification](#)
- [The Joy of Computing Using Python- NPTEL Online Certification](#)
- [Discrete Mathematics- NPTEL Online Certification](#)

## LANGUAGES, SOFT-SKILL & INTEREST

Languages: English, Hindi  
Soft skills: Quick Learning, Time Management, Communication skill  
Interests: Exploring New things, Listening to Music, Reading Books