YUVRAJ SINGH

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LinkedIn | **GitHub**

EDUCATION

Institute of Engineering and Management	Kolkata, India
Bachelors of Technology in Computer Science Engineering	June 2021-May 2025
CGPA: **9.33** *(till 4th Semester)*	
Mahanth Tapeshwar Goswami S.S. School	Chapra, India
Higher Secondary Education in Mathematics, Physics, Chemistry	June 2018 - May 2020
MARKS: **84.2%**	

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 for enhanced functionality and security.
- Designed MongoDB database structures for efficient user profiles, courses, and progress data storage.
- Built RESTful APIs with Express.js for user authentication, course enrollment, and course creation.
- Developed interactive UI components with React for seamless user experiences.
- Managed global state and ensured application performance using Redux.

LeetCode Problem Extension 🔗 (GitHub) — HTML, CSS, JavaScript

- After activating the extension, you won't be able to access any webs except LeetCode until you solve the assigned problem.
- Utilized Chrome Extension APIs to manage tabs, user interactions, and background tasks seamlessly.
- Integrated an unofficial LeetCode API to fetch and present daily coding challenges.
- Implemented a dynamic algorithm to randomly assign challenges, enhancing engagement and diversity.

Weather App 🔗 (GitHub) — HTML, CSS, JavaScript

- Integrated the OpenWeatherMap API to fetch and display real-time weather data.
- Implemented dynamic weather icons based on API response for visual representation.
- Show real-time weather data including cloud cover, wind speed, and humidity.

2048 Game 🔗 (GitHub) — HTML, CSS, JavaScript

- Implemented button controls (up, down, left, right) for user interactions and grid manipulation.
- Engineered grid state management and tile behavior through JavaScript logic.
- Developed a responsive user interface with dynamic tile rendering and animations.

ACHIEVEMENTS

- Solved **500+** questions on LeetCode. **(3-Star** Achiever**)**
- Solved 175+ questions on GeeksForGeeks. (**550+** overall Coding Score)
- Achieved Qualification for Level 1.2 of the Flipkart Grid 5.0 Competition.
- 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