

Yankit Rajor

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Education

Netaji Subhas University of Technology(Main Campus, New Delhi) <i>Bachelor of Technology in Computer Science(Data Science)</i>	2026
Indraprastha World School, New Delhi <i>Senior Secondary CBSE</i>	2022

Technical Skills

Frontend: HTML, CSS, JavaScript, React.js, Bootstrap, Next.js
Backend: Node.js, FastAPI, REST API Development
Databases: MySQL, MongoDB
Programming Languages: Python, C, C++
Machine Learning: Decision Trees, Linear Regression, Model Evaluation
Developer Tools: Git, GitHub, VS Code, Jupyter, IDLE
Academic Courses: Object-Oriented Programming (OOP), Operating Systems (OS), DBMS, Computer Networks, Big Data Analytics, Computer Architecture

Experience

Zidio Development <i>Web Development Intern</i>	Sep 2024 – Nov 2024 <i>Remote</i>
<ul style="list-style-type: none">Contributed to enhancing user experience by designing and implementing website animations.Developed dynamic front-end features using React.js and integrated them with back-end services.Utilized Node.js and MongoDB to manage and display data effectively on the front end.Collaborated with remote team to build full-stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js).	

Projects

SmartSoil – Intelligent IoT-Based Irrigation System <i>ESP8266, Sensors, Arduino IDE, Python</i>	
<ul style="list-style-type: none">Engineered a smart irrigation system automating water flow based on real-time sensor and weather data.Integrated 3+ sensors (DHT11, I2C moisture) to monitor environmental parameters and optimize watering.Leveraged live weather APIs to dynamically schedule irrigation, reducing water usage by over 40 percent.Enabled wireless pump control and remote scheduling via NodeMCU and relay modules interface.	
ReelNest <i>NextJS, REST API, Vercel, MongoDB</i> Live Demo	
<ul style="list-style-type: none">Developed a full-stack content sharing platform entirely using NextJS with server-side rendering and REST APIs.Implemented user authentication, post creation, and personalized profiles managing over 200+ posts efficiently.Designed MongoDB schemas to handle user data, post metadata, and session tracking with optimal query performance.Deployed the project on Vercel for global availability; original production URL to be updated post final deployment.	
TextUtil – Text Transformation Web App <i>React.js, JavaScript, Bootstrap, Vercel</i> Live Demo	
<ul style="list-style-type: none">Developed a responsive text transformation web app using React.js and functional components.Implemented real-time text analysis with features like case conversion, extra space removal, and counters.Used Bootstrap for adaptive design and deployed on Vercel for global accessibility.Enhanced UX with light/dark mode and performance optimization.	

Achievements

Solved **700+ DSA problems** at varioud platforms (**LeetCode Rating : 1513**)
Certified in **Artificial Intelligence** by **Rinex.AI** in collaboration with IIT Bhubaneswar
Certified in **Supervised Machine Learning** by **DeepLearning.AI**

Involvements

Played a leadership role as a senior member of IEEE(Asia's largest technical society).
Directed and coordinated multiple events as part of MOKSHA, the annual college festival.