

# Yankit Rajor

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## Education

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

## 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

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

## Projects

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

## 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.