



Upkar Tiwari

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EDUCATION

Noida Institute of Engineering and Technology <i>B. Tech – 8.34 CGPA</i>	Greater Noida 2021-2025
Buddha Public School <i>Senior Secondary Education – 79.2 %</i>	Bahraich 2019-2021
Blooming Buds Senior Secondary School <i>Secondary Education – 77.2 %</i>	Balrampur 2017-2019

EXPERIENCES

Cognizant Technology Solutions — Programmer Analyst Trainee March 2025-Present
Chennai, India

- ✓ Working in enterprise system integration using IBM webMethods middleware platform.
- ✓ Designed and deployed Flow Services to automate business processes.
- ✓ Processed data using Flat Files, FTP, and File Polling mechanisms.
- ✓ Built publish-subscribe messaging models for asynchronous communication.
- ✓ Integrated with Oracle databases using JDBC Adapter and Adapter Notifications.


Bharat Intern — Web Developer Intern July 2023 - August 2023
Remote

- ✓ Developed a Content Management Tool using HTML, CSS, and JavaScript for efficient content organization.
- ✓ Built a Video Conferencing Website with seamless video/audio communication using HTML, CSS, and JavaScript.

TechnoHacks — Full Stack Intern August 2023-September 2023
Remote

- ✓ Developed a personal portfolio website using HTML, CSS, and JavaScript, featuring projects, skills, and experiences.
- ✓ Created a dynamic registration page with form validation for accurate user input.
- ✓ Built an interactive calculator with JavaScript for performing arithmetic operations.

PROJECTS

 **Notice Generator** / *ReactJS, Firebase, Firestore, Redux, Hooks* [link](#)

👉 It was a React JS and Firebase based project where teacher may generate notice for their students. That Notice get displayed on the portal in real-time. Student can also apply leave from this portal and check the status of that.

Portfolio Website / *HTML, CSS, JavaScript*

[link](#)

👉 Developed a responsive portfolio website using HTML, CSS, and JavaScript, designed to showcase personal projects, skills, and experience. Implemented a mobile-first approach, ensuring the website is fully responsive and functions smoothly across various devices and screen sizes. Integrated features such as a contact form and project gallery, providing a comprehensive overview of professional achievements.

Smart Farming / *IoT, Arduino, Sensors, Firestore*

[link](#)

👉 Developed a Smart Farming system leveraging IoT technology to monitor and manage agricultural conditions in real-time. Implemented various sensors (temperature, humidity, soil moisture) to collect data from the farm environment, which was processed and analyzed for actionable insights.

Spotify Clone / *HTML, CSS*

[link](#)

👉 Developed a Spotify clone website to replicate the user interface and experience of the popular music streaming service. Designed a responsive and visually appealing layout, mimicking Spotify's design elements such as navigation bars, playlists, and album covers. Implemented custom styling to create a user-friendly interface with a focus on aesthetic appeal and ease of navigation.

Random Color Generator / *HTML, CSS, JavaScript*

[link](#)

👉 Created a Random Color Generator website that generates a new random color each time a button is clicked. Implemented JavaScript to dynamically generate RGB color values and apply them to the webpage, ensuring the color changes with each button press.

Drum Kit / *HTML, CSS, JavaScript*

[link](#)

👉 Developed an interactive Drum Kit website that plays different drum sounds when various instrument icons are clicked. Implemented JavaScript to handle user interactions and trigger corresponding sound effects for each drum icon, enhancing the interactive experience.

Simon Game / *HTML, CSS, JavaScript*

[link](#)

👉 Developed a Simon Game, a classic memory game that challenges users to repeat a sequence of colors and sounds. Implemented JavaScript to handle game logic, including generating random sequences, detecting user inputs, and providing feedback on correctness. Designed a visually engaging interface with HTML and CSS, featuring color-coded buttons that light up and produce sounds when pressed.

ACHIEVEMENT

Ebullience-23, NIET

✅ Secured 3rd place in the Ebullience competition, where participants were challenged to develop an IoT-based solution within 30 minutes.



TECHNICAL SKILLS



Web Development: HTML, CSS, JavaScript, React, Node.js, Express.js, RESTful APIs



Programming Languages: Java, Python, C



Databases: MongoDB, SQL



Middleware Tools: IBM webMethods (Flow Services, Adapters, File Polling, Messaging)



IoT Development: Arduino, ESP32, Sensors (Humidity, Temperature, Soil Moisture etc)



Version Control: Git & GitHub



DECLARATION

I hereby declare that all the information given above is true to the best of my knowledge.

Date: May 05, 2025

Place: Chennai

(UPKAR TIWARI)