

# BHUMIKA SHARMA

+91-8077363288 | bhumikasharmamsn@gmail.com |  
LinkedIn | GitHub

## EDUCATION

**Noida Institute of Engineering and Technology**  
*B.Tech in Computer Science and Engineering (IoT); GPA: 7.91/10*

Greater Noida, Uttar Pradesh  
*Nov 2022 – June 2026 (Expected)*

## EXPERIENCE

**Innovation Intern – NIET IIC & AICTE IDEA Lab**  
*Greater Noida, Uttar Pradesh*

June 2024 – August 2024

- Led a 4-member team in building a train collision prevention system using Arduino Uno and wheel sensors.
- Integrated real-time obstacle detection through microcontroller programming for railway safety automation.
- Managed project milestones, hardware integration, and on-time prototype delivery with successful testing.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, C, HTML5, CSS3, SQL

**Frontend:** React.js, Angular, Bootstrap, Tailwind CSS

**Backend:** Node.js, Express.js, Spring Boot

**Tools & Technologies:** Git, GitHub, REST APIs, OpenAI API, OpenWeatherMap API

**Core CS Concepts:** OOP, Operating Systems, DBMS, Computer Networking, Cloud & Edge Computing, Machine Learning

## PROJECTS

**AI Image Generator** | React.js, JavaScript, CSS, OpenAI API | *June 2024*

GitHub Repo

- Built an AI-powered image generation platform using OpenAI's DALL·E API from user text prompts.
- Implemented real-time rendering via async fetch calls and component-based React architecture.
- Designed a clean, responsive UI with CSS enhancements for optimal cross-device compatibility.

**Weather App** | HTML, CSS, JavaScript, OpenWeatherMap API | *May 2024*

GitHub Repo

- Developed a weather forecast app displaying real-time weather conditions using city-based search.
- Utilized OpenWeatherMap API for dynamic data retrieval and DOM manipulation for live display.
- Ensured a mobile-friendly layout with a responsive, accessible interface.

**Netflix Clone** | HTML, CSS, JavaScript | *April 2024*

GitHub Repo

- Recreated the Netflix UI with scrollable media sections, thumbnails, and hover animations.
- Focused on pixel-perfect styling and layout structure to mimic the original interface.
- Practiced responsive design principles for smooth functionality on various screen sizes.

## CERTIFICATIONS

- React.js – Infosys Springboard
- AI and Machine Learning – Oracle Academy
- IoT Automation with ESP8266 – Infosys Springboard
- Introduction to Cybersecurity – Cisco Networking Academy

## LEADERSHIP & ACTIVITIES

- Vice-President, Emergex Club – NIET Greater Noida
- Member, Green Gold Society – NIET Greater Noida
- Placement Coordinator of My Batch (Department of CSE IOT) – NIET Greater Noida