

NIKHIL KUMAR

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PROFESSIONAL SUMMARY

Aspiring Full Stack Developer pursuing B.E. in Computer Science Engineering with hands-on experience in web development and IoT solutions. Skilled in JavaScript, React, Node.js, MySQL, and MongoDB with a strong focus on building responsive, user-centric applications.

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript, React.js

Backend: Node.js

Databases: MySQL, MongoDB

Programming: JavaScript, C++

Tools: Git, GitHub, Arduino Uno, ESP32, REST APIs

PROJECTS

Soil Humidity Measurer Using IoT

- Developed a real-time soil moisture monitoring system using Arduino Uno, ESP32, and soil sensors.
- Enabled remote monitoring and threshold-based alerts for efficient irrigation.

Weather Forecasting Application

- Built a responsive weather application using Weather APIs.
- Displayed real-time forecasts for multiple cities with a clean UI.

E-Commerce Website

- Developed an e-commerce platform with authentication and session management.
- Implemented responsive product listings, shopping cart features, and local-storage persistence.

ACHIEVEMENTS

- Jury Award Winner - Hack-o-Octo 3.0 Hackathon
- Academic Class Representative (First Year)
- Elite + Silver Medalist, NPTEL Internet of Things Course

EDUCATION

Bachelor of Engineering (Computer Science Engineering), Chandigarh University | 2023-Present | CGPA: 6.77

Class XII (CBSE) - 72%

Class X (CBSE) - 84.8%