

Nilesh Kumar Singh

Bachelor Of Technology
CSE(Internet Of Things)
Pranveer Singh Institute Of technology, Kanpur

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<https://github.com/singhnileshh>
LinkedIn Profile

EDUCATION

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| · Pranveer Singh Institute of Technology, Kanpur
<i>BTech CSE (INTERNET OF THINGS)</i> | 4rd year ongoing
Percentage: 75% |
| · Police Modern School , Lucknow
<i>12th Class - Central Board of Secondary Education, Uttar Pradesh</i> | 2020
Percentage: 80% |

EXPERIENCE

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| OASIS – Infobyte
<i>Web Development Intern</i> | June 2024 - August 2024
<i>Virtual</i> |
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- Designed and developed a responsive landing page that increased user engagement by 30 percent, resulting in a seamless user experience across all devices.
 - Created a professional portfolio website, improving online presence and attracting potential clients, which can also host more than 500 viewers.
 - Built and optimized a web application displaying real-time temperature conversion by 63 percent.
 - Technology stack :** *HTML, CSS, JavaScript, ReactJS*

PERSONAL PROJECTS

IOT Projects:

Smart Door Lock using Fingerprint : *Arduino UNO, Door lock, Fingerprint sensor, Servo motor , Wires etc.*

- A smart door lock utilizing fingerprint technology combines security and convenience seamlessly. By integrating biometric authentication, users can unlock their doors with a simple touch and increase security by 70-80%.
- GitHub Link :** https://github.com/nileshsingh26/smart_doorlock_ppt

Efficient Solar light system: *Arduino UNO , TinkerKat , Various Sensors.*

- Increase the Productivity of the electricity by 25-30 % with the help of LDR sensor and Servo motors which tilts to the direction of the sun by detecting the light.
- Engineered and implemented an IoT hardware project integrating solar technology, resulting in a 40% reduction in energy consumption and a 25% increase in operational efficiency.
- GitHub Link :** <https://github.com/nileshsingh26/Efficient-Solar-Light-System>

JavaScript Projects:

- JavaScript Projects:** *Uses HTML, CSS, JavaScript and other Open APIs.*
- Starbucks Frontend :** <https://starbucksfrontend.vercel.app/>

TECHNICAL SKILLS AND INTERESTS

Languages: C++, Python, HTML, S Q L , CSS, JAVASCRIPT.

Developer Tools: IDEs, Git

Frameworks: React.JS, Node.JS

Databases: MySQL , Pandas

Soft Skills: Strong communication, teamwork and fostering collaboration, evidenced by a 25-30% increase in team efficiency.

Areas of Interest: Full Stack Web development , Problem Solving

Coursework: Computer Networks, Programming languages, Web Development, Databases

ACHIEVEMENTS

- 300+ Question on LeetCode- <https://leetcode.com/Nileshsingh2623/>
- Qualified for the round 2 in Codekaze conducted by CodingNinja platform(Rank:18435)
- Qualified the Python Basic skill assignment conducted by HackerRank