

# Siddharth Shukla

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## EDUCATION

### Jaypee Institute Of Information Technology

Bachelor of Technology in Computer Science | CGPA: 8.1

### City Montessori School (ICSE BOARD)

Class 10 | | Percentage: 92.2

### City Montessori School (ISC BOARD)

Class 12 | PCM with CSE | Percentage: 88

### Data Structures

Leetcode: [My Profile](#)

Noida, Uttar Pradesh

Oct. 2021 – July 2025

Lucknow, Uttar Pradesh

2018

Lucknow, Uttar Pradesh

2020

## EXPERIENCE

### Intern at ICW Technologies(Ideas Connecting World)

May 2024 - July 2024

- Location: U.S.A.
- Description: Gained hands-on experience in web development while working with a leading IT Marketing company. Contributed to various digital marketing projects, enhancing websites, and implementing client requirements with modern web technologies.
- Enhanced strategic planning and program implementation by developing a fully reactive websites using React and Node.js, facilitating real-time data visualization and improving decision-making processes.

## PROJECTS

### Integrated Satellite Monitoring for Ecosystem Analysis: | HTML, CSS, JavaScript, ReactJs, NodeJs, ExpressJs, MongoDB, QGIS

- Developed a web-based platform for satellite-based environmental monitoring and data analysis.
- Integrated satellite imagery with pre-processing algorithms for land cover classification, vegetation monitoring, and change detection.
- Enabled users to analyze environmental data with interactive visualizations, improving decision-making and ecosystem management.
- GitHub Repository: [ISMEA Repository](#)

### FooDeli (A Food Delivery Application) | ReactJs, ExpressJs, JavaScript, NodeJs, MongoDB, CSS, Stripe

July 2024

- Built a full-stack food ordering website with user authentication, shopping cart functionality, and an admin panel.
- Used the MERN stack to develop a responsive platform, integrated Stripe for secure payments, and optimized UI/UX for seamless navigation.
- Implemented a customizable menu allowing users to place secure orders and track deliveries in real-time.
- Improved user experience with real-time order tracking, enhanced accessibility with a mobile-first design, and streamlined food ordering efficiency.

### Nishify (Music Application) | HTML, CSS, JavaScript

May 2024

- Built a music application with playlist creation, song management, and playback controls.
- Designed a responsive UI using HTML, CSS, and JavaScript, ensuring seamless performance across devices.
- Delivered an intuitive and engaging music streaming experience while testing and refining my front-end development skills.
- Skill Challenge: Built the app to test my capabilities with basic HTML, CSS, and JavaScript

### Sorting Visualizer | HTML, CSS, JavaScript

April 2023

- Developed an interactive sorting visualizer to demonstrate and compare sorting algorithms like Bubble Sort, Merge Sort, and Quick Sort.
- Utilized HTML, CSS, and JavaScript to create a real-time visual interface for sorting algorithms, allowing users to see the process and results dynamically.
- Enhanced front-end development skills while providing a practical educational tool for learners and instructors to better understand sorting algorithms.
- GitHub Repository: [Sorting Visualizer](#)

### Huffman Coding | Cpp Programming

April 2022

- Implemented the Huffman Coding algorithm for efficient data compression.
- Applied greedy algorithm principles in C++ to generate optimal variable-length codes, demonstrating proficiency in data compression techniques and enhancing my understanding of efficient data storage and transmission.
- GitHub Repository: [Huffman Coding](#)

## TECHNICAL SKILLS

**Languages:** C/C++, Java, Python, HTML5, CSS, JavaScript, My SQL, Solidity, MongoDB

**Frameworks:** MERN, NextJS, Django, Bootstrap, tailwind CSS, Jquery, Grid

**Developer Tools:** Git, npm, RESTful API, Postman and basic Wireshark

**Libraries:** React, EJS (Embedded JavaScript Templates), NumPy, Matplotlib, bits/stdc++.h

**Technology:** Blockchain, Wordpress

**Winner:** Top performer in DSA and got the certificate of Excellence in it.