

GUDDU KUMAR

+91 9122848152 ✉ guddukrm17@gmail.com  [linkedin.com/in/guddu-kumar](https://www.linkedin.com/in/guddu-kumar)  github.com/Guddukrm17

Education

NIST UNIVERSITY

2022 - 2026

Bachelor of Technology in Computer Science and Engineering

7.51/10 CGPA

Pragya Bharti Public School, Gaya

2022

Class 12 (All India Senior School Certificate Examination)

Percentage: 67%

Pragya Bharti Public School, Gaya

2020

Central Board of Secondary Education Class 10th Examination

Percentage: 72.83%

Work Experience

GPB CALIBER IDX

May 2025 – July 2025

Web Developer Intern

- Developed a fully responsive and interactive web application using **React.js** for the frontend and **Node.js with Express.js** for the backend, with **MongoDB/MySQL** for efficient and scalable data management.
- Implemented essential functionalities, including **event management**, **volunteer registration**, **secure donation processing**, and an administrative dashboard for streamlined content management.
- Deployed the application on **GoDaddy hosting services**, configuring domain settings, **DNS records**, and server environments to ensure **optimal website performance and continuous availability**.

Projects

Vriksh Be The Change — NGO Website for Education Access



- Developed a production-ready platform using **React.js**, **Next.js**, and **Tailwind CSS** to support **990+ beneficiaries** across India.
- Reduced load times by **30%** using **Next.js SSR** and modular components; improved Google Lighthouse performance scores across all pages.
- Deployed via **Vercel CI/CD** and **GoDaddy DNS**, achieving **99.9% uptime** with scalable routing and fault-tolerant static asset delivery.

Sorting-Algos-Visualizer



- Developed a **Sorting Algorithm Visualizer** using HTML, CSS, and JavaScript, showcasing algorithms like Bubble, Selection, Insertion, Merge, Quick, and Heap Sort.
- Implemented interactive features for adjusting array size and visualization speed, enhancing user control and experience.
- Optimized **DOM manipulation** for smooth, real-time sorting animations and efficient rendering of large datasets.

Skills



Programming Languages: C, C++, Java, JavaScript, HTML, CSS

Frameworks and Libraries: Bootstrap, React.js, Node.js, Express.js, Tailwind CSS

Tools and Technologies: MongoDB, MySQL, Data Structures and Algorithms (DSA)

Version Control: Git and Github

Achievements

- Successfully completed **Web Development training** from **NIELIT Patna**, gaining hands-on experience in building responsive web applications. 
- NPTEL Certificate in Java Programming** issued by **IIT Kharagpur**, demonstrating proficiency in Java fundamentals and application development. 

Position of Responsibility

Volunteer: Actively volunteered at the NGO **Vriksh Be The Change**, contributing to free education initiatives for underprivileged children and delivering IIT-JEE coaching to students in grades XI and XII.

Member: Managed advertising and sponsorship initiatives to enhance brand visibility and secure funding partnerships for **Navpariyas**.