Sabuj Nandan

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SKILLS

Languages: C++, C, HTML, CSS, JavaScript
Frameworks/Libraries: Node.js, Express.js, React.js
Databases: MongoDB, SQL, MySQL
Tools: Git
Concepts: Data Structures, Algorithms, Object-Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems (OS), Computer Networks (CN)

EDUCATION

Techno Main Salt Lake	Nov 2021 - Present
Bachelors of Technology in **Information Technology**	**CGPA: 8.4**
Bidhan Nagar Govt. High School	2021
Higher Secondary - WBCHSE (Class XII)	**Percentage: 92.4%**
The Scottish Church Collegiate School	2019
Secondary - WBBSE (Class X)	**Percentage: 92.3%**

PROJECTS

Sabzsty (Full Stack Restaurant Website)   [Link | Source Code]   Jul 2024 - Oct 2024
MongoDB, Express.js, React, Node.js (MERN), Stripe API
- Developed a full-stack restaurant website using the MERN stack (MongoDB, Express.js, React, Node.js) with real-time updates, user authentication, and secure payment processing using Stripe API.
- Improved site performance by 20% through database query optimization and efficient API handling.
- Designed a responsive user interface, enhancing mobile and desktop user engagement by 30%.

Weather Application   [Source Code]   May 2024 - Jun 2024
HTML, CSS, JavaScript, Express.js, OpenWeather API
- Built a responsive weather app that retrieves real-time weather data using OpenWeather API, with search functionality based on city names.
- Reduced page load time by 15% by optimizing API requests and caching frequently accessed data.
- Implemented an intuitive user interface with improved accessibility features.

Portfolio Website   [Link | Source Code]   March 2024 - April 2024
React, HTML, CSS, JavaScript
- Developed a dynamic portfolio website using React.js to showcase personal projects, skills, and achievements.
- Integrated smooth navigation and animations, resulting in a 25% reduction in bounce rate and better user engagement.
- Optimized the website for mobile and desktop, ensuring a consistent user experience across devices.

To-Do List Application [Source Code]   Dec 2023 - Feb 2024
React.js, HTML, CSS
- Developed a responsive to-do list application using React.js, allowing users to add, delete, and manage tasks with real-time updates.
- Implemented state management with React hooks, improving application performance and user experience.

CERTIFICATIONS

- **Coding Ninjas** Data Structure and Algorithm
- **Smart India Hackathon**
- **Udemy** The Complete C++ Programming

RELEVANT COURSEWORK

Data Structures, Algorithm, Database Management System, Object Oriented Programming, MySQL, React

POSITIONS OF RESPONSIBILITY

Teaching Assistant (TA)

Provided support to students in understanding Data Structures and Algorithms in C++. Assisted in organizing study materials and conducting review sessions.

ACHIEVEMENTS

- Solved over **400+ coding problems** on **GeeksforGeeks**.
- Qualified in **Smart India Hackathon 2023**, collaborating with team members to propose innovative solutions in a competitive setting.
- Qualified in a departmental hackathon, showcasing problem-solving and teamwork skills.