

Supriya Haldar

Full Stack Developer

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Education

Neotia Institute of Technology, Management and Science

Aug 2019 – May 2023

B.Tech - Computer Science and Engineering

CGPA: 8.50

Rajnagar Biswambhar High School

May 2017 – May 2019

Higher Secondary - (Class XII)

Percentage: 60

Technical Skills

Languages : JavaScript, NoSQL, C++
Frontend Technologies: HTML, CSS, React.js, Hooks, Firebase, Redux, Bootstrap
Backend Technologies : Node.js, Express.js, MVC, RESTful APIs, JWT, Bcrypt.js, MongoDB, Mongoose, Socket.IO
CS Fundamentals : Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems
Developer Tools : Visual Studio Code (VSCode), Git, GitHub, Postman
Deployment : Netlify, Vercel, Render, Heroku, Docker

Projects

BusyBuy | *Javascript, React, Firebase, React Router, Context API, React Hooks*

Live | [GitHub](#)

- Developed a full-featured e-commerce web app that supported over 200 completed orders per day, improving user shopping experience and increasing sales efficiency by 15%.
- Integrated Firebase for CRUD operations, managing product data, and enabling user authentication. Implemented secure sign-up and login functionality with Firebase Authentication.
- Engineered seamless navigation for a full-featured e-commerce platform by implementing React Router, resulting in an improved user flow that decreased page load times by 25% and enhanced overall customer satisfaction.
- Enhanced UX with a dynamic sidebar filter, integrated react-spinners for loading states, and implemented react-toastify to show notifications for async actions and errors.

PhotoFolio | *Javascript, React, Firebase, React Router, Context API, React Hooks*

Live | [GitHub](#)

- Constructed a photo album app with real-time data storage, used by 500+ users to manage over 2,000 images efficiently, leading to a 20% improvement in user engagement.
- Established features like album creation, image uploads, and editing functionalities. Designed forms for easy image addition, dynamic rendering, and hover-based editing actions for better usability.
- Enhanced the app with a carousel to view images and a search feature to filter albums efficiently. Added loading states and conditionally rendered UI elements for a smoother user experience.
- Optimized the app with react-spinner-material and react-toastify for async notifications and performance. Ensured clean, maintainable code with comprehensive documentation, following industry best practices.

SocialSphere | *Node.js, Express.js, API, MongoDB, JWT, Multer, bcrypt.js, Postman*

[GitHub](#)

- Created SocialSphere API serving 100+ daily active users, improving data retrieval speed by 30% and user engagement by 25% through optimized authentication and post management.
- Launched secure user authentication with signup, login, logout, and logout-from-all-devices functionality. Built a post management system with CRUD operations, allowing users to create, update, delete posts, and upload images.
- Designed a comment system allowing users to add, update, and delete comments, with access control. Created a friendship system, enabling sending, accepting, rejecting friend requests, and managing pending requests.
- Added an OTP-based password reset using Nodemailer for secure email communication. Enabled profile updates with avatar uploads, ensuring users can update details while maintaining security and scalability.

VoteMaster | *JavaScript, Node.js, Express.js, MongoDB, JWT, Postman*

[GitHub](#)

- Built a robust backend for a voting application using Node.js and Express.js, achieving 99.9% uptime and supporting seamless user interaction.
- Implemented MongoDB for fast and scalable data storage, supporting real-time voting results.
- Integrated authentication and security features, ensuring 100% secure user participation and preventing unauthorized access.

ACHIEVEMENTS / CERTIFICATIONS

- Solved 150+ DSA Questions on [GeeksforGeeks](#) [↗](#)
- Introduction to C++ on [Coding Ninjas](#) [↗](#)
- Data Structures in C++ on [Coding Ninjas](#) [↗](#)
- Back End — Full Stack Web Development in Node.js on [Coding Ninjas](#)
- Front End — Full Stack Web Development on [Coding Ninjas](#)