

Niranjan Kumar Singh

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Profile Summary

Aspiring Software Development Engineer with hands-on experience building scalable web applications using the MERN stack. Skilled at designing REST APIs, managing application state, and deploying cloud-native apps. Adept at understanding system behavior, debugging, and optimizing performance. Passionate about solving real-world problems through clean, maintainable code and team collaboration.

Technical Skills

- Languages:** Java, JavaScript (ES6+), C, Python
- Frameworks/Tools:** React.js, Node.js, Express.js, MongoDB, Redux, JWT
- Dev Tools:** Git, GitHub, Postman, Vercel, Netlify, Render
- Core Concepts:** REST APIs, OOP, SDLC, State Management, Authentication

Education

B.Tech in Computer Science & Engineering
CGPA: 8.41

Elite College of Engineering, WB
June 2025

Higher Secondary (CBSE – 12th)
Percentage: 80.4%

Kendriya Vidyalaya Sevoke Road
March 2021

Projects

Portfolio Website – Developer Profile Showcase

[Live Demo](#) | [GitHub](#)

A sleek, responsive single-page website to present personal skills, experience, and projects.

Tech Stack: React.js, Tailwind CSS

- Built a professional-grade portfolio with optimized responsive design for desktop and mobile devices.
- Enhanced visibility through metadata, Open Graph, and schema.org tags for improved SEO.
- Ensured accessibility compliance with semantic HTML5, ARIA attributes, and keyboard navigation.
- Integrated live project previews, social media, and GitHub links into a dynamic user interface.

Spicy Food – Full-Stack Food Ordering Platform

[Live Demo](#) | [Frontend](#) | [Backend](#)

A scalable MERN stack application with real-time food ordering, cart functionality, and admin panel.

Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, Tailwind CSS

- Engineered secure user authentication and admin authorization using JWT and role-based access control (RBAC).
- Developed RESTful APIs capable of handling 100+ concurrent requests with data validation and error handling.
- Designed and implemented Redux-based global state management for seamless cart, auth, and session operations.
- Streamlined UI performance with dynamic rendering and Tailwind-based styling for improved load speed.

Notebook App – Cloud-Based Note Management System

[GitHub](#)

A privacy-focused full-stack application enabling CRUD operations on personal notes with login security.

Tech Stack: React.js, Node.js, Express.js, MongoDB, Redux Toolkit, JWT

- Implemented token-based authentication and protected routing for personalized note access.
- Developed efficient CRUD operations with MongoDB queries and user-based document segregation.
- Leveraged Redux Toolkit to optimize component re-rendering and manage asynchronous state.
- Enabled offline note caching and session persistence through local storage and browser APIs.

Work Experience

Euphoria GenX

Web Development Trainee

August 2024 – September 2024

- Trained in React.js and MERN stack-based app development.
- Built responsive web interfaces using Tailwind and component-based design.
- Managed state via Redux and optimized API usage with Axios.
- Used GitHub for version control and collaborated in agile sprints.
- Technologies Used:** React.js, Redux, REST APIs, Axios, JavaScript, Tailwind CSS, GitHub.