Niranjan Kumar Singh

Phone: +91 9382776017 | **Email:** niranjansingh1419@gmail.com
Portfolio: niranjan-portfolio.netlify.app
LinkedIn: linkedin.com/in/niranjan-kumar-singh | **GitHub:** github.com/Niranjan-Kumar-Singh

Profile Summary

Passionate and performance-driven Full Stack Developer with strong proficiency in the **MERN Stack**. Skilled in building and deploying **scalable, secure, and high-performance web applications** with clean architecture and efficient state management. Adept in **REST API development, test-driven development**, and cloud deployment. Experienced in collaborating within agile teams and delivering business-impactful solutions. Enthusiastic about crafting clean code, solving real-world problems, and contributing to high-impact projects in modern cloud ecosystems.

Technical Skills

- **Languages:** Java, JavaScript (ES6+), C, Python
- **Frontend:** React.js, HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express.js, RESTful APIs, JWT, Axios
- **Database:** MongoDB, Mongoose
- **Version Control:** Git, GitHub
- **Tools & Platforms:** Postman, Netlify, Render, Visual Studio Code
- **Concepts:** Data Structures and Algorithms, OOP, SDLC, API Integration, Deployment

Education

B.Tech in Computer Science & Engineering — **Elitte College of Engineering, WB**
CGPA: 8.41 — *Expected Graduation: July 2025*

Higher Secondary (CBSE – 12th) — **Kendriya Vidyalaya Sevoke Road**
Percentage: 80.4% — *March 2021*

Projects

Spicyy Food – Full-Stack Food Ordering Platform Live Demo | Frontend | Backend
A scalable, multi-user food ordering application built using the MERN stack.
- Developed end-to-end features including user authentication, cart system, and admin dashboard.
- Implemented **JWT-based authentication** and **role-based access control (RBAC)** for secure operations.
- Optimized frontend with **React.js and Tailwind CSS**, reducing initial load time by **30%**.
- Designed and deployed RESTful APIs using **Node.js and Express.js**, handling **100+ concurrent requests/second**.
- Integrated Redux for global state management and improved performance across sessions.

Notebook App – Cloud-Based Note Management System GitHub
A personal productivity tool for creating and managing notes securely in the cloud.
- Built a mobile-responsive UI using **React.js** with real-time CRUD operations.
- Implemented protected routes and user-specific storage using **MongoDB and JWT**.
- Optimized Redux Toolkit usage to minimize unnecessary re-renders and boost efficiency.
- Ensured offline availability and local caching for uninterrupted access.

Text Analyzer – Web-Based Text Processing Tool Live Demo
An interactive tool for analyzing, formatting, and evaluating user text input.
- Designed a lightweight, real-time analyzer using **React.js** and Vanilla JavaScript.
- Implemented features like word/character count, readability score, and dark/light mode.
- Ensured full mobile responsiveness and performance optimization.

Work Experience

Euphoria GenX **Web Development Trainee**
August 2024 – September 2024
- Completed a 2-month professional training focused on modern web development using React.js and the MERN stack.
- Developed responsive and accessible web applications using React.js and Tailwind CSS with clean, modular component design.
- Integrated Redux for efficient state management, enhancing maintainability and scalability.
- Optimized REST API calls with Axios, reducing data fetch latency by 35%.
- Gained practical experience in team-based development, version control using GitHub, and deployment best practices.
- **Technologies Used:** React.js, Redux, REST APIs, Axios, JavaScript, Tailwind CSS, GitHub.