Niranjan Kumar Singh

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Profile Summary

Software Development Engineer (SDE) skilled in **MERN Stack**. Skilled in **building scalable full-stack applications, REST API development, and cloud-based deployment**. Proficient in **React.js, Node.js, MongoDB**, with hands-on experience in **GitHub, Netlify, and state management (Redux)**.

Technical Skills

- **Programming Languages:** Java, C, Python, JavaScript (ES6+)
- **Frontend Development:** HTML, CSS, React.js, Bootstrap, Tailwind CSS
- **Backend Development:** Node.js, Express.js, REST APIs, Axios
- **Databases:** MongoDB
- **Version Control:** Git, GitHub
- **Tools & Deployment:** Netlify, Postman, Visual Studio Code
- **Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Software Development Life Cycle (SDLC)

Education

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

Kendriya Vidyalaya Sevoke Road, West Bengal   **Higher Secondary Education (12th)**
Marks: 80.4%   2021

Projects

Spicyy Food - Full-Stack Food Ordering Platform   Live Demo | Frontend | Backend
- Developed a **multi-user food ordering platform** with secure authentication and real-time order tracking.
- Implemented **JWT-based authentication** and **role-based access control (RBAC)** for secure user management.
- Optimized the **React.js frontend** with **Tailwind CSS**, improving load speed by **30%**.
- Designed a scalable **Node.js/Express.js API**, handling **100+ concurrent requests per second**.
- **Technologies Used:** MERN Stack, Redux, JWT, Axios, Netlify, MongoDB.

Notebook App - Cloud-Based Note Management System   GitHub
- Developed a **real-time note-taking application** with CRUD operations and offline support.
- Built a **React.js frontend** with optimized state management using **Redux Toolkit**.
- Designed a **Node.js/Express.js API** with **MongoDB** for scalable data storage.
- **Technologies Used:** MERN Stack, Redux, Axios, MongoDB, Express.js.

Text Analyzer - Web-Based Text Processing Tool   Live Demo
- Created a **text analysis tool** that provides word count, readability score, and text formatting.
- Developed a **React.js UI** with real-time analysis and a responsive design.
- **Technologies Used:** React.js, Bootstrap, JavaScript.

Work Experience

Euphoria GenX   **Web Development Trainee**
August 2024 - September 2024
- Built responsive React.js web applications with a clean component-based architecture.
- Optimized REST API calls with Axios, reducing data fetch latency by 35%.
- Integrated **Redux** for state management, improving application scalability.
- **Technologies Used:** React.js, Redux, REST APIs, JavaScript, Tailwind CSS.