

SWAPNANEEL KUNDU

SOFTWARE DEVELOPER

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SUMMARY

Full-stack web developer proficient in the MERN stack (MongoDB, Express, React, Node.js) with hands-on experience building scalable and responsive web applications. Skilled in designing intuitive user interfaces using React and Tailwind CSS, and developing robust backend APIs with Express and Node.js. Adept at database modeling and management using MongoDB. Passionate about writing clean, efficient code and continuously learning new technologies to deliver high-quality software solutions.

TECHNICAL SKILLS

- MongoDB
- Express.js
- React.js
- Node.js
- JavaScript (ES6+)
- Tailwind CSS
- HTML5
- Postman (API Testing)
- Socket.IO (Real-time Communication)

PROFESSIONAL EXPERIENCE

Full Stack Developer, Hosla Foundation

Feb 2025 - Present

- Developed the full backend from scratch for mental health and social networking platforms supporting 200+ senior citizens, ensuring reliability and scalability.
- Built key frontend features and helped deploy and maintain 3+ backend services.
- Delivered secure and efficient solutions that improved mental health support and community engagement for seniors.

Software Engineer trainee, Codsoft

Nov 2024 - Jan 2025

- Developed a Java Grade Calculator to automate student grade computation, enhancing grading efficiency.
- Created an interactive Java ATM Interface simulating withdrawals, balance checks, and fund transfers.

PROJECTS

RealTimeLocationTracker | [Demo link](#) | [Github](#)

November 2024

- Built real-time location tracking with Socket.IO and Leaflet showing user markers.
- Used browser geolocation and Leaflet Routing for route calculation.

LuxeCarry | [Demo link](#) | [Github](#)

December 2024

- Built a modular e-commerce app with Node.js, Express, MongoDB, integrating Google OAuth, JWT, Joi, Cloudinary, Multer, and Stripe.
- Implemented product search, cart management, and secure user authentication.

ChessMate | [Demo Link](#) | [GitHub](#)

January 2025

- Developed ChessMate using Socket.IO, Express, and Chess.js with real-time gameplay for two players and spectator support.
- Implemented move validation to prevent illegal moves, ensuring fair play.

EDUCATION

- B.Tech in Computer Science and Engineering
- Higher Secondary Education

KAZI NUZRUL UNIVERSITY | 2025

TECHNO INDIA GROUP PUBLIC SCHOOL | 2021