

SOMBHU DAS

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Summary

Passionate Web Developer with solid experience in React.js, Next.js, and Node.js, and hands-on exposure to React Native. Skilled in building performant, scalable web applications with modern JavaScript frameworks and tooling. Successfully delivered production-ready projects, focusing on clean architecture, reusable components, and great user experiences. Eager to leverage full-stack and cross-platform skills to build impactful, high-quality digital products.

Education

Haldia Institute Of Technology

Master of Computer Applications (MCA)

2023 – 2025

Haldia, West Bengal

Panskura Banamali College

Bachelor of Computer Applications (BCA)

2020 – 2023

Panskura, West Bengal

Skills

Languages: JavaScript, TypeScript, Java, python , HTML , CSS

Web And Mobile: React , Next , Node , React Native, Redux, Redux Toolkit, Context API, Zustand , WebSocket , React Navigation, Expo, Firebase, REST APIs

UI Libraries: Shadcn , Tailwind , Chakra UI , React Native Elements, Nativewind

Databases: MongoDB , PostgreSQL , SQL **LLM Implementation :** Gemini API , OpenAI API , Nano Banana API

Tools: Git, GitHub, Android Studio , VS Code, Postman , Jira

Experience

BlueHorse Software

Jan 2025 – Present

Software Developer

Midnapore , West Bengal , India

- Developed and maintained full-stack web applications with React/Next.js on the frontend and Node.js/Express on the backend.
- Built reusable UI components and state management using React, Redux, and Context API, ensuring responsive and accessible interfaces.
- Implemented RESTful APIs, authentication/authorization (JWT, OAuth), and role-based access control for secure user management.
- Designed and optimized relational and NoSQL databases (e.g., PostgreSQL, MySQL, MongoDB) including schema design, indexing, and query optimization.
- **Projects:** Here is a more polished, formatted version:
1. AuditFlow – An Audit Management System. 2. WOW MOMO – Menu and Combo Management System. 3. Tezcommerce AI – An AI-powered E-commerce System. 4. Virtual HR – A RAG platform trained on company/office policies.

Projects

AuditFlow – Audit Management System

- A company and group-level financial audit management system using React, Node.js, Express, Redux, and Chakra UI.
- Features: manage GL ,TBL , multi level Entries, audit planning, manage FS , manage consolidation with denomination and currency exchange rate , manage task , workflows etc .
- Integrated secure document storage with AWS(S3), role-based access for auditors/managers, and real-time sync across devices.

WOW MOMO – Menu and Combo Management System

- wow momo store based menu and combo management system built using **React** with **Redux Toolkit** and **Node js , express** for backend .
- Features: dynamic menu configuration, manu manage using excel upload , combo creation, combo and manu profit calculation , item availability toggles, pricing rules, and store management.

Tezcommerce AI – AI-powered E-commerce System

- AI-driven e-commerce application built with **Next JS** frontend and backend integrating **LLM-based recommendation , image generation , video generation** services.
- Features: product details , SEO managemnet using AI ,generate product Image , generate product showing/wearing on custom model or AI model, generate video using selecting image for marketing, Improve SEO using AI
- Manage company , manage Brand , manage user company wise , role base access control

Virtual HR – Policy-aware RAG Platform

- Virtual HR assistant powered by **Retrieval-Augmented Generation (RAG)** trained on company/office policies and HR documents. using React Native , node js langChain and gemini API
- Ingests PDFs and internal docs, indexes them using vector embeddings, and serves natural language Q&A for employees.
- Supports queries on leave, benefits, compliance, and onboarding with role-aware responses and secure authentication integration.

Certificates

JavaScript :- Udemy(2024)

Front End Development :- Great Learning (2023)