

Suchishree Sengupta

Frontend Developer | University of Calcutta | React, Next.js, Redux Toolkit |
Agentic AI integration

+91-8830918552 @ suchishree0111@gmail.com linkedin.com/in/suchishree-sengupta/ Bangalore, Karnataka
resumesuchishree.netlify.app/

Summary

Passionate about building **high-performance web applications** with **HTML5, CSS3, and JavaScript**. Developed a **React-based E-commerce app** featuring **CRUD operations** and **lazy loading**, optimizing performance through efficient rendering. Proficient in **Next.js** for server-side rendering and **JWT-based authentication**, with expertise in **Redux Toolkit** for state management in dynamic UIs. Integrated **agentic AI** for intelligent automation and dynamic user interactions. Built **AI-powered chatbots** to improve user engagement and support.

Skills

Frontend

Next.js | React | Redux Toolkit | HTML5/CSS3 | JavaScript (ES6+) | MUI

AI & Automation

OpenAI | LangChain | RAG | AI Chatbots | n8n (API/workflow automation)

Tools

Git | SSR/SSG | JWT | RESTful APIs | Lazy Loading

Projects

Medinest Healthcare Platform | Next.js · Redux Toolkit · RAG · n8n · JWT

- Engineered a **secure, role-based healthcare portal** with middleware-protected routes.
- Implemented **Retrieval-Augmented Generation (RAG)** via n8n workflows, automating medical FAQ responses and cutting admin workload by **35%**.
- Accelerated page loads by **30%** through SSR/SSG optimization and dynamic data fetching.

ClickShop AI-Powered E-Commerce | Next.js · MUI · OpenAI · n8n · Redux

- Developed a **high-performance online store** featuring lazy-loaded product catalogs, improving SEO rank.
- Designed an **AI chatbot** that handled **80% of customer queries**, reducing support tickets.
- Streamlined checkout with a **mock payment gateway**, achieving a **15% higher conversion rate**.

Certification

Frontend Web Designing using React

- Completed coursework from Webskitters Academy focusing on modern frontend technologies and best practices in React development.

Education

M.Sc. Computer Science

University of Calcutta 76%

M.Tech. Computer Science and Technology

University of Calcutta 78%

B.Sc. Computer Science (Hons.)

University of Calcutta 67%