

Manish Kumar

Noida, UP | kumarmanish54735@gmail.com | 7814011669 | LinkedIn | GitHub

SUMMARY

Frontend Developer with 4.5+ years of experience designing and building scalable, high-performance applications **including AI-powered web apps**. Strong expertise in frontend **architecture**, React, Redux Toolkit, TypeScript, modern UI frameworks, and **AI API integration**.

SKILLS

- **Languages:** JavaScript, TypeScript, C++.
- **Frontend:** React.js, Redux Toolkit, React Query, Next.js, Axios, Socket.IO, GraphQL.
- **Styling/UI:** HTML, CSS, Chakra UI, Tailwind CSS, Material UI, Accessibility (WCAG), Figma.
- **AI Tools:** Groq LLaMA API, OpenAI API, Prompt Engineering.
- **Tools:** Git, GitHub, Docker, Jest (Unit Testing), CI/CD, Agile, VS Code, Postman, Jira, Webpack, Vite.
- **Concepts:** Data Structures, Algorithms, Problem Solving, Responsive Design, Performance Optimization.

EXPERIENCE

Software Engineer, The Nth Bit Lab – Delhi Aug 2025 – Present

- **Engineered** a high-throughput, multi-platform product comparison engine aggregating live data from e-commerce giants (Zepto, Instamart, Amazon Fresh), increasing product discovery metrics by **30%**.
- **Optimized frontend data caching and state hydration** utilizing **React.js, Redux Toolkit, and React Query**, successfully cutting core application load times by **35%**.
- Leveraged AI-assisted tools to **accelerate frontend development** and improve **code quality** by 40%.

Software Engineer, Swavishtek – Noida, UP July 2024 – June 2025

- **Architected the frontend infrastructure** for a customizable, comprehensive **energy management** system for a UK-based energy consultant using **React.js** and **Node.js**, improving the end-to-end management of **electricity** and **gas** operations by **30%**.
- **Architected** scalable **state management using Redux Toolkit**, ensuring 100% data consistency across 5+ cross-dependent feature modules.
- **Implemented dynamic route code-splitting and lazy loading** techniques in React, achieving a **40% reduction in initial bundle load time** and a **15% boost in user retention**.

React.js Developer, JC Software Solution – Mohali, Punjab Sep 2023 – Feb 2024

- **Developed a high-concurrency influencer campaign platform** featuring real-time client contracts, automated workflow tracking, and secure third-party payment distributions.
- **Built a real-time bi-directional messaging framework** (1:1 and group chats) using **Socket.IO** and **Firebase**, expanding user communication metrics and app engagement by **40%**.

React.js Executive, Capanicus – Mohali, Punjab Nov 2021 – Jun 2023

- **Collaborated with cross-functional teams** to build secure **web communication** suite supporting **VoIP calls**, real-time video conferencing, and low-latency chat using **Socket.IO**, maintaining 99.8% application uptime.
- Ensured application **reliability and performance** through unit testing, **debugging**, and code optimization.

PROJECTS

NexaChat is a full stack **AI-powered chat application** built with React.js, Node.js, Express.js, and **Groq LLaMA API**. Features secure server-side API integration, real-time conversations, context-aware AI responses, and custom dark-themed UI. Deployed on Vercel and Render. **Live:** <https://nexa-chat-frontend.vercel.app>

Click Fit is a scalable **product comparison platform** aggregating **pricing, availability, and product details** from **Zepto, Instamart, Amazon Fresh, JioMart, and more**, with **real-time pin code-based data**. It normalizes third-party data with **category and product mapping** to deliver a **unified comparison view**, improving **product discovery** by **30%**.

EDUCATION

Gulzar Group of Institutions, B-Tech in Computer Science

Aug 2018 – May 2022