

Naveen Kewlani

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Full Stack **MERN** Engineer with deep expertise in **frontend performance and backend network optimization** for real-time platforms (**WebRTC, WebSockets, JWT**). Experienced in reducing latency, scaling microservices, and **delivering smooth live video and chat systems**.

Industrial Experiences

Digi Point

Nov 2024-Present

- Developed Product Details Page with full ownership resulting in **30% weekly hike** in article sales.
- Improved page load time (**FCP**) **from 4s to 1.7s** through CDN Caching (AWS), Virtualized lists, Lazy loading, code-splitting.
- Engineered a real-time Customer Support Portal with **AI-assisted replies**, chat, and file uploads, optimized via **WebSockets** for instant interactions.
- Optimized MongoDB queries using compound indexes and aggregation pipelines, **cutting response time from 800 ms to 400 ms on average**
- Handled nested data with controlled rendering using **debouncing, throttling**, optimizations (**useCallback**, **React.memo**), achieving real-time validation & higher submission accuracy.
- Collaborated with clients to manage feedback cycles and deliver scalable web and mobile apps using **Redis, MongoDB, React, NodeJS, ExpressJS, and NextJS**.

Deloitte USI

June 2022 - May 2024

- Collaborated with the US-based HQ team to build responsive and accessible (a11y) MERN web apps for remote operation of security devices, positively **impacting over 10 million lives** globally.
- Optimized high frequency real-time data rendering with **JWT** based **authentication**, infinite scroll, and adaptive pagination.
- Offloaded heavy operations to background jobs using **Apache Kafka**, improving response time by 60%.
- Secured APIs and **stabilized high-traffic performance** through encryption, **Redis** backed rate limiting, and caching strategies.

My Golden Care

March 2021 - April 2021

- Independently developed a Naukri like app replacing third-party tools and saving \$20 per user
- Built React Native frontend with **Formik & Yup** for robust **form handling**, OTP based login, and Aadhaar verification across Android and iOS.
- Designed **SQL** schemas and implemented Node.js backend, integrating **Redux, push notifications**, and native features like **location, gallery, and camera access**.

Achievements & Projects

- Consistently received Exceptional Performance Ratings since joining.
- Achieved expert rating at Leetcode (**solved 200+ Leetcode & Google old problems**)
- Projects: [Live Video Calling App](#), [Ecommerce App](#), [Python to Javascript Transpiler](#)

Technical Skills

- Languages: JavaScript (ES6+), TypeScript, Python
- Frontend: NextJS, ReactJS, React Native, Redux, HTML5, CSS
- Backend: Apache Kafka, RabbitMQ, Redis, NodeJS, ExpressJS, FastAPI, SQL, MongoDB, AWS
- Tools: Sentry, Kubernetes, Docker, JEST, Webpack, Redux Dev Tools, React Dev Tools
- Others: RESTful APIs, ESLint, Babel, Postman, Git, VS Code, CI/CD, \LaTeX .

Education & Personal Projects

Indian Institute of Information Technology (IIIT), Una

B.Tech. in Electronics and Communication Engineering

Himachal Pradesh, India

July 2018 – May 2022