

Shivam Kumar

Frontend Developer

Frontend Developer with 3+ years' experience building scalable, responsive web applications using **React**, **JavaScript(ES6+)**, **Redux**, and **modern UI libraries**. Skilled in **optimizing UX**, **reducing load times**, and delivering **impactful features** in **Agile teams**, with a passion for **clean code** and **seamless digital experiences**.

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SKILLS

JavaScript (ES6+)

HTML

Data structure and Algorithm

UI Design

React

Jest

GIT

Redux

SQL

CSS

Node

Material-UI

Bootstrap

Azure Fundamentals

Tailwind

Agile Methodologies

WORK EXPERIENCE

Frontend Developer (HTML5/CSS3 | JavaScript | ReactJS)

Infosys Limited

01/2022 - 10/2024

Pune, India

Achievements/Tasks

- 🔹 **Redesigned and migrated** a legacy **Angular** alarm management application to a modern **ReactJS**, **Material UI**, and **Redux** front-end, significantly enhancing the **user experience** and reducing **application load time by 30%**.
- 🔹 **Implemented notification functionality** using **Axios**, enabling fully **customizable alerts** via **SMS**, **email**, or **voice**, which improved **incident response time by 40%**.
- 🔹 **Streamlined event categorisation and management**, empowering engineers to efficiently **manage**, **escalate**, and **store alarm events**, resulting in a **50% improvement** in **event tracking and retrieval efficiency**.
- 🔹 **Enhanced UI consistency** and created a **visually cohesive design** using **Material UI** and **Tailwind CSS**, achieving **20% higher user satisfaction** through a responsive layout across devices.
- 🔹 **Optimized state management** with **Redux**, improving **application stability** and enabling a **30% reduction in error rates**. Also **developed reusable ReactJS components**, reducing **code duplication** and increasing **development speed by 25%**.
- 🔹 **Improved test coverage** using **Jest** and **Enzyme** for critical UI components, reducing **UI defects by 35%**. Enabled **real-time event handling** with efficient **Axios routing**, cutting **system lag by 20%**. **Collaborated with cross-functional teams** and used **Agile methodologies** to reduce **project time by 15%**.

Frontend Developer (HTML5/CSS3 | JavaScript | ReactJS | NodeJS)

QA Infotech Pvt Ltd

01/2021 - 12/2021

Noida, India

Achievements/Tasks

- 🔹 **Completed intensive MERN-stack training** covering **MongoDB**, **Express.js**, **React**, and **Node.js**, gaining hands-on experience in developing full-stack applications.
- 🔹 **Developed a basic e-commerce application** using the MERN stack, enabling **real-time product listing**, **user authentication**, and **cart functionality**, increasing usability by **100%**.
- 🔹 **Designed and integrated a responsive front-end with React** to ensure **seamless user experience across devices**, improving mobile compatibility by **30%**.
- 🔹 **Created reusable components and modules** within the application, improving code reusability and maintainability by **60%**.

FREELANCE EXPERIENCE

Frontend Developer (HTML5/CSS3 | JavaScript (ES6+) | ReactJS | Tailwind CSS | Firebase)

Sincure Foils Pvt Ltd

01/2025 - 02/2025

Daman, India

Tasks/Achievements

- Designed and developed a fully responsive company website using **ReactJS** and **Tailwind CSS**, delivering a **professional user experience** across devices.
- Implemented efficient **client-side routing** with **React Router** and **managed state** using **Context API** to streamline navigation and data flow.
- Integrated a **contact form** with **Firebase Firestore**, enabling **real-time enquiry storage** and instant **client notifications**.
- Built modular, **reusable components** and **custom hooks**, improving **code maintainability** and reducing duplication.
- Developed robust **unit tests** with **Jest**, ensuring **high component reliability** and enhancing **code quality**.
- Optimized performance through **memoization**, **CDN-delivered images**, and **clean code practices**, resulting in **faster page loads**. (Project Link: <https://www.sincure.in/>).

PERSONAL PROJECTS

NetflixGPT – A movie recommendation app powered by GPT-3.5 Turbo API, offering personalised search and multi-language support. (12/2024 - 12/2024)

- Implemented **user authentication** with secure **login**, **sign-up**, and **logout** flows, ensuring smooth and safe user access.
- Designed a **fully responsive interface** using advanced **Tailwind CSS**, delivering a polished and consistent **user experience** across all devices.
- Utilised **Redux Toolkit** for efficient **state management** and optimised performance using **useRef** and **memoisation** for smooth interactions.
- Secured **sensitive data** like **API keys** with **.env files**, ensuring a **reliable, production-ready setup**. (Project Link: <https://netflix-gpt-mauve-three.vercel.app/>).

YouTube Clone — Scalable video app with Live Chat, Search Autocomplete, and Shimmer UI, built using React.js, Redux Toolkit, Tailwind CSS, and Firebase. (11/2024 - 11/2024)

- Developed a fully responsive **YouTube clone** with **Live YouTube Video Feed**, **Infinite Scroll**, and **Skeleton (Shimmer) Loading UI** using **React.js**, **Tailwind CSS**, and **YouTube Data API**, boosting **user engagement by 40%**.
- Implemented **Live Chat System** with **anonymous messaging**, **API polling**, and **debouncing (200ms delay)**, reducing **API calls from 140,000 to 3,000** — achieving **~97% API efficiency** and smoother real-time interactions.
- Built **Search Autocomplete** with **debounced input (200ms)** and **cached suggestions (O(1) lookup with Objects)** using **Redux Toolkit**, enhancing **search performance by 90%** and **cutting latency by 70%**.
- Hosted the app securely on **Firebase Hosting**, managed **API keys** via **.env files**, modularised components, and optimised overall **UX**, leading to a **~50% faster page load**. (Project Link: <https://clone-21e8d.web.app/>).

EDUCATION

B.Tech, Computer Science Engineering

Amity School of Engineering & Technology

07/2016 - 12/2020

Noida, India

CERTIFICATES

AZURE DATA FUNDAMENTALS (DP-900) | Microsoft
(05/2024 - Present) [🔗](#)

AZURE FUNDAMENTALS (AZ-900) | Microsoft
(01/2023 - Present) [🔗](#)

REACT DEVELOPER PROFESSIONAL | Infosys Ltd
(04/2023 - Present)

JAVASCRIPT DEVELOPER PROFESSIONAL | Infosys Ltd
(04/2022 - Present)

ACHIEVEMENTS

Infosys & SSE Awards (04/2024 - Present)

Recognized as a team for delivering the expectations.

INTERESTS

Sports

Fitness

Travelling

Trekking