

# ANKUR VERMA

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## Professional Summary

Experienced Frontend Developer with 2 years of experience developing scalable web applications using React, Redux, JavaScript. Skilled in API integration, UI performance optimization, secure authentication, cloud deployment, automated testing.

## Technical Skills

**Languages:** JavaScript

**Frontend:** React, Redux, Tailwind CSS

**Testing:** Postman, JMeter, Jest

**Cloud:** Firebase, AWS

## Experience

### DXC Technology

October 2024 – Present

Noida, Uttar Pradesh

#### Analyst I Software Engineer (Frontend Developer)

- Engineered a scalable, components in Product Loader Application UI using **React 18**, adhering to WCAG 2.1 accessibility standards to ensure consistent design patterns and accelerate feature development across the team.
- Improved Product Loader application security by implementing a token-based authentication check on every user navigation, automatically redirecting unauthenticated users to the login screen.
- Orchestrated client-side navigation using **react-router-dom**, implementing global error boundaries to prevent white-screen crashes and provide fallback UIs during network failures.
- Enforced application security via **Role-Based Access Control**, leveraging backend authorization hooks to dynamically show/hide UI features for distinct Admin and Standard user profiles.
- Developed a reusable component using modern hooks and controlled inputs, supporting multi-row selection for tables and Plan Codes. Implemented debounced search, and case-insensitive filtering for large datasets.
- Performed API performance and load testing using **JMeter**, validating scalability and response times for enterprise insurance systems such as wmA, CyberLife, and AssureLife.

## Projects

### Finance Advisor App

React 19.2, TailwindCSS, Framer Motion, Bun.js

- Developed a Real-Time AI Financial Advisor leveraging Bun.js for the backend and React (Vite) for the frontend, optimizing API throughput to handle high-concurrency chat sessions with a custom Server-Sent Events (SSE) style streaming implementation.
- Designed a robust error-handling system that gracefully manages API rate limits and network failures by streaming user-friendly error feedback directly into the chat UI.

### Job Application Portal

React 18.3, TailwindCSS, Framer Motion, Firebase

- Description:** A responsive and modern job portal application with AI-powered resume analysis to suggest relevant jobs, designed with a mobile-first approach.
- Used LM studio to locally run AI model and provide suggestions on roles user can apply for jobs.

### Bite Buddy App

React, Redux, TailwindCSS, Firebase, Jest

- Description:** A full-stack food delivery application that displays restaurants using the Swiggy API and Store page items using the DummyJSON API, featuring user authentication and real-time cart updates.

## Education

### Lovely Professional University

B.Tech in Mechanical Engineering

2018 – 2022

Jalandhar, Punjab