

ANKUR VERMA

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Professional Summary

Frontend Developer with 3 years of experience building fast, scalable, and user-centric web applications using React, Redux, JavaScript, and TypeScript. Skilled in designing reusable component architectures, creating custom hooks, managing complex application state, and optimizing frontend performance for high-traffic, data-intensive applications.

Technical Skills

Languages: JavaScript, TypeScript

Frontend: React, Redux, HTML5, CSS3, Tailwind CSS, Framer Motion

Cloud/Backend: Firebase, AWS, Serverless

Tools: Git, CI/CD, Jenkins, Postman, Jest, JMeter, REST APIs

Professional Experience

DXC Technology

Noida, India

Frontend Software Engineer

Analyst I Software Engineer (Promoted)

Oct 2025 – Present

- Designed and delivered a **reusable, high-performance DataGrid component** supporting multi-field filtering, debounced search, and efficient large-scale data handling.
- Developed **custom hooks** to centralize API interactions, minimize redundant network calls, and standardize state management across modules.
- Implemented **Role-Based Access Control (RBAC)** with secure, dynamic routing to ensure consistent authorization across application workflows.
- Led the migration of from JavaScript to TypeScript, improving type safety, reducing runtime errors, and enhancing long-term maintainability.
- Wrote and maintained unit tests for critical UI components using Jest, improving reliability during feature releases.
- Boosted application performance by approximately **35%** through code splitting, lazy loading, memoization (**useMemo**, **useCallback**), and optimized rendering strategies.
- Collaborated closely with backend, QA, and platform teams to deliver performance-critical features and stabilize production releases.

Analyst II Software Engineer

Jun 2022 – Sep 2025

- Developed and enhanced core UI workflows for enterprise modules using **React**, **Redux**, and **react-router-dom**, focusing on maintainable component structures.
- Integrated REST APIs and managed global application state using **Redux**, ensuring predictable data flow across multiple UI screens.
- Implemented client-side validations, loading states, and error handling to improve overall user experience.
- Conducted **JMeter-based performance testing** simulating **1000+ concurrent users** to identify frontend and API scalability bottlenecks.
- Automated performance validation pipelines using **Jenkins CI/CD**, reducing manual testing cycles by **25%**.

Projects

Job Application Portal

React, Redux, Firebase

- Designed and developed job application platform using **React**, **Redux**, and **Firebase** with secure authentication and role-based access.
- Built persistent user profiles and application history using Firebase Firestore, ensuring data consistency across sessions.

Bite Buddy App

React, Redux, JavaScript

- Developed a food delivery web application using **React** and **Redux** with real-time restaurant and menu data integration.
- Optimized UI performance with efficient state management, lazy loading, and reusable component architecture.

Education

Lovely Professional University

B.Tech, Mechanical Engineering

2018 – 2022

Jalandhar, Punjab