ANKUR VERMA

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Professional Summary

Associate Software Developer with 3 years of experience developing scalable, cloud-based web applications using React, Redux, JavaScript, TypeScript, AWS (EC2, S3, Cognito), and Tailwind CSS. Skilled in API integration, UI performance optimization, secure authentication, cloud deployment, automated testing (Jest, React Testing Library, Cypress), and CI/CD pipelines, delivering reliable and responsive applications.

Technical Skills

Languages: JavaScript, TypeScript
Frontend: React, Redux, Redux Toolkit, Vite, React Hooks, ContextAPI
Serverless: Firebase (Auth, Firestore, Functions)
Testing: Jest, React Testing Library

Experience

DXC Technology   **June 2022 – Present**
Associate Software Developer   *Noida, Uttar Pradesh*

- Built scalable UI components with React and Redux, migrating a legacy command-line based Product Loader into a modern responsive web app. Integrated SOAP services to convert relational table data into XML for backend processing. Product loader is a tool which is single source of truth for the data used by **wmA**(wealth management accelerator) insurance web application
- Enhanced performance by applying lazy loading, code splitting, and optimized rendering strategies (e.g., memoization, conditional rendering), resulting in noticeably faster load times and smoother component interactions.
- Migrated the Product Loader application from a local server to AWS, modernizing its infrastructure and integrating the new React + Redux frontend with backend SOAP services to transform relational table data into XML.
- Validated the reverse XML → relational table process running on a Spring Boot server with SOAP services, testing thoroughly via cURL and Postman, and am now working on its integration into the UI for end-user accessibility.
- Implemented secure user authentication using **AWS Cognito**, including **token handling** for session management across components.
- Developed and maintained comprehensive unit and integration test cases for React.js applications using **Jest** and **React Testing Library**, ensuring robust UI behavior and reducing bugs in production
- Streamlined debugging and automated testing processes by integrating **Jest** tests into the CI pipeline, reducing manual verification and accelerating deployment cycles.

Projects

Job Application Portal

- Designed and developed a responsive job portal using **React**, **Tailwind CSS**, and **Framer Motion**, focusing on a modern and mobile first approach for user.
- Built a job application form using **React Hook Form** and stored the applicant data and resume in firebase bucket.
- Integrated **AI powered(open-chat 3.5 LLM based on LM studio)** resume upload feature which suggest jobs to user based on the resume content.

Bite Buddy App

- Created a full-stack food delivery app using **React + Redux** and backend in **Node.js** and used swiggy API to display restaurants and dummyjson API to display store item list.
- Built a dynamic shopping cart using **React** and **Redux**, enabling users to add or remove items. Implemented state management for cart updates and improved user experience.
- Created the backend on Node.js allowing users to make dummy payments and receive email notifications of products ordered.

Education

Lovely Professional University   **2018 – 2022**
B.Tech in Mechanical Engineering   *Jalandhar, Punjab*

Kendriya Vidyalaya   **2017 – 2018**
XII   *Raebareli, Uttar Pradesh*