

# Alok Tomar

Software Engineer with 1.5+ years of experience of developing responsive web applications using React.js and Redux for state management.

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## EXPERIENCE

### Sun Life Financial Services, Gurgaon - Associate Analyst(Frontend)

July 2022 – PRESENT

#### Project Prosper

UI project to **migrate legacy** VB6 forms to responsive UI using React. I integrated Redux for application state efficiency & scalability and wrote test cases in Jest to ensure stability of the codebase.

Tech Stack - ReactJS, Redux, JavaScript, Jest

## PROJECTS

### Food Ordering App

Developed a **restaurant application** utilizing React.js and integrated **Swiggy API** to fetch data. Implemented responsive design using Tailwind CSS to ensure **cross-device compatibility**. Utilized Redux for state management, enhancing **performance and scalability**. Implemented Autocomplete for **efficient search** capabilities. Used Jest for comprehensive test cases to **ensure code quality and reliability**. Employed conditional component rendering and routing techniques to **optimize UI rendering and UX**.

Tech Stack - ReactJS, Redux, JavaScript, Tailwind CSS, Jest, Material UI

API: Swiggy

### Netflix Clone

The Netflix Clone includes modular React components, **Firebase backend**, Redux **state management**, TMDB API integration, Tailwind CSS for **responsive design** and Jest **testing**. It implements **secure user authentication and session management** with **auth tokens** and integrates **Autoplay YouTube (embed)**. OpenAI APIs enhance functionality and user interaction, demonstrating proficiency in **frontend, backend, API utilization, and testing**.

Tech Stack - ReactJS, Redux, JavaScript, Firebase, Tailwind CSS, Jest, Material UI

API: TMDB & OpenAI

### Trading App

The application features a **dynamic exchange order book** allowing users to place limit orders, with support for partial or complete execution. Users can **seamlessly query the depth chart**, providing insights into market trends. Additionally, the application provides **real-time tracking of user balances**, enhancing the overall trading experience. Significant efforts were dedicated to **improving latency** for swift order execution.

Tech Stack – NodeJs, Javascript, React.js

## SKILLS

Javascript  
ReactJS  
HTML5  
CSS  
Git  
DS & Algorithms  
AWS (EC2, S3)  
NodeJs  
Java  
Python  
Linux

## Trainings

Cohort: Full Stack  
Dev Bootcamp

AWS - Practitioner  
Essentials

Introduction To  
CyberSecurity -  
CISCO

## Highest Education

B.Tech  
(IT 2018-2022)  
GGSIU, Delhi  
82%