

ANURAG SINGH

Software Developer | 3+ Years

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EDUCATION

JSS Academy of Technical Education

July 2014 – June 2018

Bachelor of Technology in Electronics and Communication

Noida, Uttar Pradesh

TECHNICAL SKILLS

Languages/Frameworks: React, Redux/RTK, JavaScript, TypeScript, Next.js, Node.js, Express, MongoDB, MySQL, HTML, CSS/Sass, Bootstrap

Programming Skills: Data Structures and Algorithms, Problem Solving, Debugging

Developer Tools: VS Code, Git/GitLab, Zoho, Postman

EXPERIENCE

TechAhead pvt Ltd

July 2023 – Ongoing

Software Developer

Noida

- Working as a **MERN** stack developer on **TNCC**, an e-learning platform designed to deliver interactive and engaging educational experiences globally.
- Implemented authentication and authorization systems with **OAuth** and **JWT**, and developed role-based access control (**RBAC**) mechanisms.
- Integrated real-time chat using **Socket.io**, enabling seamless communication between students and instructors.
- Utilized **Redux** and **Redux-Saga** for state management, and **Redux-persist** for caching.
- Developed file upload functionality, integrated audio/video players, implemented pagination and **lazy loading**, and incorporated chart libraries for data visualization.
- Design and Developed **Shop Villa**, an e-commerce platform designed to boost online sales and customer engagement.
- Developed **REST APIs** with Node.js and Express.js for seamless front-end and back-end integration.
- Built **reusable and customized** components for tables, drop downs, popups and custom hooks for various use case.
- Integrated Redux for state management and React Router for dynamic navigation, ensuring a smooth and consistent user experience.

Ekaasha Technologies

June 2021 – July 2023

Software Developer

Noida

- Developed an **Utility-X** from scratch, a platform which integrates multiple services into a unified interface, enhancing user experience and streamlining service management.
- Contributed to enhancing the dashboard and admin panel, improving user management and streamlining administrative tasks.
- Implemented **lazy loading** for modules, created configurable React components, a common loader, and a **central network layer** for API calls.
- Integrated Razorpay for secure and seamless online transactions.

PROJECTS

YouTube Clone | React, Redux, JavaScript, Tailwind CSS

March 2021

- Using **Youtube public API** to fetch videos.
- Optimized search feature by implementing **Debouncing**.
- Option to add **N level** nested user comments.
- Live Comments and **LRU Caching**.

Problem Hub | React, Redux, Node, MongoDB

December 2020

- Developed a user-friendly web app for categorizing coding problems and solutions (e.g. Java, JavaScript, Node.js, MongoDB).
- Implemented **Object-oriented programming** practices such as inheritance to create different account types and databases.
- Implemented **server-side pagination** and **search** for efficient data retrieval and scalable handling of large datasets.

ACHIEVEMENTS / EXTRACURRICULAR

- Winner of Zoom Marathon Challenge held by MASAI.
- Bucket 1 Appraisal rating for FY 2023-2024.