AMAN SINGH
FRONTEND DEVELOPER

CONTACT

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SKILLS

- React JS
- Redux
- JavaScript
- TypeScript
- Figma
- Content Management System (CMS)
- HTML
- CSS
- IBM API Connect
- C/C++

AREA OF EXPERTISE

- Web Application Development
- Code Quality Assurance
- Agile Methodology
- User Experience Enhancement
- Performance Optimization
- Cross-Functional Collaboration
- Project Execution

EDUCATION

SRM Institute of Science and Technology

Software Engineering   CGPA - 8.9

2016 - 2020

LANGUAGES

- English
- Hindi

SUMMARY

Results-driven Software Engineer with over 4 years of experience specializing in JavaScript and front-end technologies. Proven track record of developing and enhancing complex web applications, implementing robust state management, and optimizing communication between front-end and back-end systems. Adept at delivering high-quality solutions to improve user experience, application performance, and accessibility.

WORK EXPERIENCE

Best Buy
TCS | Client - Best Buy   Jan 2024 - Apr 2025

- Built a Campaign Optimizer tool with GCP APIs to visualize ad performance via filtered tables, helping brands track high-conversion channels. Used BRIX and internal libraries for UI components
- Implemented a critical enhancement by integrating response header handling and request header configuration to retrieve and utilize session tokens, optimizing user authentication and reducing authentication hits by up to 80-90%.
- Introduced a new feature in Best Buy Web Application allowing users to approve or decline repair estimates, enhancing user control and decision-making over product repairs.
- Leveraged Splunk for log management and monitoring, and used Kibana dashboards to visualize Elasticsearch data for proactive issue detection and performance tuning.

Digital Locker | Onsite Project (Riyadh)
TCS | Client - Neom   Feb 2023 - Dec 2023

- Developed and engineered the network layer from scratch for Digi Locker, enabling document storage, upload, and management for over 1 million residents of Neom City.
- Developed a crucial component for Digi Locker, enabling seamless document addition and utilizing Regula for capturing and editing document details.
- Integrated Web Vitals to monitor performance metrics and optimized rendering to reduce load time.
- Managed the API layer using IBM API Connect, overseeing end-to-end implementation.

Max and Sahla Store
TCS | Client - Landmark Group   Aug 2020 - Jan 2023

- Developed and integrated cart functionality using Redux to maintain seamless state management and ensure consistent data across the application, enhancing overall user experience.
- Architected and structured the middleware using IBM API Connect, optimizing communication between the front-end and back-end systems for improved performance and scalability.
- Designed and implemented visually appealing dashboards for data visualization of hit metrics using Chart.js library, enhancing data insights and user engagement.
- Ensuring responsive design using Material and Tailwind CSS across devices, verified through testing and maintaining design consistency.