

Madhur Mangal

Software Development Engineer

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Skills

Languages: ReactJS, VueJS, JavaScript, TypeScript, HTML5, CSS/Sass, C3.js, ElectronJS, Redux, NodeJS, ExpressJS, ReactNative, Python

Tools: AWS (Amazon Web Services), Docker, Github, Git, Jira, Jenkins, CI/CD, Linux, Unit Testing

Databases: SQL, NoSQL, MongoDB, Microsoft SQL

Experience

CommercelQ

Software Development Engineer UI 1

Bengaluru, India
Aug 2023 – April 2025

VueJS, JavaScript, TypeScript, NodeJS, HTML, CSS, Jenkins CI/CD, Jira, Git, AWS, C3.js, Integration Testing - Cypress

- Implemented and delivered full end-to-end solutions using Vue.js, integration with backend systems, and final deployment.
- Spearheaded the development and successful delivery of high-impact features, including Advertising Campaign Management for retail giants like Walmart and Target. This strategic initiative led to an impressive 80% contract renewal rate among customers.
- Pioneered the conception and development of Campaign Creation features for industry leaders like Amazon and Walmart, resulting in a remarkable 120% expansion of our customer base.
- Conducted code reviews and provided constructive feedback on pull requests to ensure code quality, adherence to best practices, and maintainability. Documented key features, processes, and configurations where needed to ensure clarity and ease of future development and maintenance
- Received recognition and an award for the swift delivery of a product, instrumental in establishing a partnership with Walmart. The success of this project led to CommercelQ's official designation as partners for advertisement tech platforms.

Capgemini Engineering Pvt. Ltd.

Associate II Software Engineer

Gurugram, India
Jan 2022 - July 2023

ReactJS, JavaScript, TypeScript, NodeJS, HTML, CSS, CI/CD, Integration Testing - Jest

- Collaborated with a cross-functional team to develop and maintain IBM Spectrum Scale GUI, a cutting-edge web application for managing file and object storage.
- Achieved a substantial 80% code coverage to ensure robust and reliable software quality.
- Engineered a comprehensive User Interface overhaul, integrating FluentUI library and transitioning 70% of the codebase from Dojo to React.js for enhanced functionality and maintainability.
- Executed the implementation of multiple new features for intricate UI components, enhancing overall functionality and user experience.
- Engineered a system for global and local user configuration management, ensuring efficient customization for individuals.
- Devised a state management library enabling users to seamlessly pause and resume backups, leading to a notable 2x boost in performance.

Dataweave Analytics Pvt. Ltd.

Intern- UI Dev

Bengaluru, India
Jul 2021 – Dec 2021

ReactJS, JavaScript, TypeScript, NodeJS, HTML, CSS, Python, Matplotlib, Pandas

- Collaborated closely with UX designers and backend developers to translate requirements and wireframes into functional and visually appealing user interfaces.
- Hands on developing data visualization dashboard using React.js, Redux, Logger and popular Python libraries like pandas, matplotlib, seaborn.
- Engineered a novel feature for a client, creating RESTful APIs using NodeJS to seamlessly integrate the functionality into the system.

Projects

Video Streaming Platform: [Link](#)

- Implement Redux for managing the application state, allowing efficient handling of data related to video streams, user interactions, and application state changes.
- Utilize the YouTube Live API to integrate live video streaming functionality into the React application, enabling users to view, interact with, and manage live video streams seamlessly within the application interface.

Ecommerce Platform: [Link](#)

- Implementing Live APIs for ordering and delivery, ensuring seamless integration with the React Redux project.
- State Management with Redux: Utilizing Redux for efficient state management, maintaining application-wide states such as user authentication, cart items, and order status, enhancing the scalability and maintainability of the project.

Education

THE LNM Institute Of Information Technology, Jaipur

2018 - 2022

Bachelor of Engineering in Computer Science and Engineering

Coursework: Object Oriented Programming (OOP), Software Engineering

Algorithms and Data Structures, Web Development

Skills, Certifications & Awards

Certifications: Web Development by Kodebay, Namaste Javascript by Akshay Saini, Azure Fundamentals (AZ-900), AWS Cloud Practitioner

Spot Award for adopting and integrating a new UI framework from the ground up, contributing to the development of a high-quality product.

Delivery Ninja Award for delivering a product pivotal to a major partnership with Walmart.