






SACHIN YADAV

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Summary

Results-driven **MERN Developer** with 4+ years of experience in building scalable web applications, optimizing performance by 40% and enhancing user engagement by 20%. Proficient in **JavaScript, React.js, Redux, Node.js** and **MongoDB** with expertise in API integrations and reusable components, reducing development time by 30%. Skilled in mentoring teams and driving efficient, high-impact solutions in fast-paced agile environments.

Work Experience

FullStack Developer - Jio Platforms Limited

Sep 2023 – Present

- Designed and developed **CRUD APIs** for JioFit's Admin panel, streamlining data management and enhancing system efficiency, leading to a 30% reduction in response time for database operations.
- Implemented **OAuth2.0 authentication**, enabling secure user login and token-based access control, ensuring compliance with industry security standards.
- Developed and enforced **Role-Based Access Control (RBAC)**, restricting access to specific features based on user roles, enhancing data protection and preventing unauthorized actions.
- Optimized backend workflows and database queries, enhancing API performance by 30%, reducing server load, and improving the overall scalability of the system using Node.js, Express.js, and MongoDB.
- Implemented a **Custom Error Code system**, reducing debugging time by 40% and improving error tracking efficiency across all JioFit APIs, leading to enhanced system reliability.

React Developer - Jio Platforms Limited

Aug 2020 – Aug 2023

- Orchestrated the design and development of scalable web applications like Jio Unified Ads, Jio Reels, and JAMP, delivering projects on time and exceeding performance benchmarks.
- Developed the Dashboard module for JAMP and Jio Reels**, enabling users to visualize analytics data through **interactive charts and graphs**, with advanced filtering options, improving data accessibility by 40%.
- Developed the Analytics module for Jio Reels**, allowing users to analyze data in a **dynamic tabular format**, where table columns adjusted **dynamically based on applied filters**, enhancing data representation and usability by 35%.
- Migrated the UI library from Material UI to Ant Design**, boosting UI responsiveness by 30% and improving overall performance.
- Refactored and modernized legacy codebases**, modularizing components and reducing overall code complexity by 40%.
- Implemented reusable React.js components**, cutting down redundant code by 25% and improving UI consistency across all Jio web platforms.
- Led the development of Jio Reels (Instreamo)**, including core modules like landing pages and channel management, focusing on seamless API integration and scalability.
- Collaborated with cross-functional teams**, ensuring agile delivery of high-performing applications, increasing development efficiency by 35%.
- Mentored 3+ junior developers**, ensuring adherence to best coding practices and modern JavaScript (ES6+) standards.

Projects

JioFit - Fitness App

- A comprehensive fitness management platform for Jio users, integrating advanced features for tracking fitness programs, real-time analytics, and user engagement.
- Role** - Developed frontend (Admin) and backend (App, Admin) development using React, TypeScript, Node.js, Express, and MongoDB to deliver a highly scalable solution.
- Key Features** - Integrated OAuth2.0 authentication, real-time data synchronization, and custom error code scenarios to enhance debugging and user experience.

Jio Reels (Instreamo)

- A server-side ad insertion (SSAI) platform enabling seamless API integrations with ad publishers.
- Role** - Independently designed and developed the frontend critical modules like Channel, Job, Analytics, and Dashboard using React.js and Redux.
- Impact** - Improved ad publisher integration efficiency by 30%, resulting in enhanced user engagement.

Jio Unified Ads

- A centralized platform enabling Jio users to create and manage ad campaigns across platforms like MyJio and Jio Pages.
- Role** - Developed and optimized core features using React.js, focusing on performance, flexibility, and user-centric design.
- Outcome** - Streamlined the campaign creation process, reducing the time to launch ads by 20%.

JAMP

- An internal portal for managing audiences across various Jio applications, streamlining workflows and enhancing data management.
- Role** - Designed and implemented critical modules (Dashboard, Audience Query, Users, Audience Overview, Audience Taxonomy), ensuring seamless backend workflows with Node.js and MongoDB.

Education

SRM Institute of Science and Technology, Delhi NCR

(Jul 2016 – Jun 2020)

BACHELOR OF TECHNOLOGY - 78%

Technical Skills

- Frontend** - React.js, Redux, JavaScript (ES6+), TypeScript, HTML, CSS, REST API Integration
- Backend** - Node.js, Express.js, REST API Development
- Database** - MongoDB (NoSQL), MySQL
- Frameworks** - Ant Design, Material UI, Tailwind CSS
- Tools** - Git, Postman, DevOps, VS Code
- Others** - JWT, OAuth2.0, API Design