
SUMMARY

Full Stack Developer with 4+ years of experience designing and delivering scalable, high-performance web applications using the MERN stack (**MongoDB, Express.js, React.js, Node.js**). Strong expertise in modern React (Hooks, Redux Toolkit, React Query), RESTful API development, JWT-based authentication, real-time systems, and dashboard-driven applications. Experienced in building secure, role-based enterprise portals in Agile/Scrum environments with a focus on performance optimization, clean architecture, and maintainable code.

TECHNICAL SKILLS

Frontend: React.js, Next.js, JavaScript (ES6+), TypeScript, jQuery, HTML5, CSS3, SCSS, Redux, Redux Toolkit, React Query, React Router DOM, Context API, React Hooks

UI Libraries & Visualization:: Material-UI (MUI), MUI X DataGridPro, PrimeReact, Bootstrap, Bulma, Recharts, Chart.js, amCharts

Backend: Node.js, Express.js, REST APIs, JWT-based Authentication

Databases & Caching: MongoDB, Mongoose, Redis

Real-Time & Integrations: WebSockets, Google Maps API, Nodemailer, Web Push (Push Notifications)

PROFESSIONAL EXPERIENCE

Magellanic-Cloud (Parent Organization)

Senior Software Engineer

Hyderabad

Jan 2025 – Present

Project 1: Integrated Customer Portal

Tools & Environment: React.js, React Hooks, Redux Toolkit, JavaScript (ES6+), Material-UI (MUI), MUI X DataGridPro, Bootstrap, SCSS, Axios, Socket.io-client, Recharts, Google Maps API, JSEncrypt, Yup, React Hot Toast, XLSX, jsPDF, HTML5, CSS3, Git, Azure Pipelines.

Duration: Jan 2025 to Present.

Project Overview: A comprehensive multi-perspective customer portal application designed to provide unified access to surveillance, analytics, and monitoring solutions across multiple business domains. The portal supports four distinct perspectives: General (Site Monitoring), Vault Management, Lift Analytics, and Presence Management (FRS-based attendance), each with role-based access control and dynamic navigation. The application delivers real-time site monitoring, video playback, alarm management, health tracking, and advanced analytics through an intuitive interface. It integrates Google Maps for geographical visualization, WebSocket-based live streaming, and comprehensive dashboard insights for operational decision-making. The portal serves banking, retail, and enterprise customers with customizable themes, multi-factor authentication, and device trust management.

Roles & Responsibilities:

- Worked as Frontend Developer to design and develop multi-perspective integrated customer portal with dynamic role-based navigation supporting Vault, General, Lift Analytics, and FRS perspectives using modular React component architecture
- Implemented JWT-based authentication with MFA (email/SMS verification), refresh token handling, device trust management, and RSA encryption for secure credential transmission
- Built real-time monitoring features using WebSocket (Socket.io) for live video streaming, alarm notifications, and site status updates with optimized state management
- Created analytics dashboards with Recharts and Material-UI DataGridPro featuring backend pagination, filtering, sorting, and data export (CSV/PDF) capabilities
- Integrated Google Maps API with custom markers, location search, clustering, and click-to-view live stream functionality for geographical site monitoring
- Developed video archive management with time-based playback controls, multi-camera grid views, date filters, and download capabilities

- Built alarm and ticket management systems with real-time notifications, health monitoring pages with device status tracking, and temperature trends analysis
- Implemented Axios interceptors for centralized error handling, automatic token refresh, and scope-based dynamic routing with Context API for state management
- Wrote unit tests using Jest achieving 90%+ code coverage.

Motivity Labs (A Subsidiary of Magellanic-Cloud)

Software Engineer

Hyderabad

Sep 2022 – Dec 2024

Project 2: iVIS Customer Portal

Tools & Environment: React.js, React Hooks, Context API, React Router DOM, Material-UI, Bootstrap, Axios, Chart.js, React-Chartjs-2, Google Maps API, HLS.js, JWT, js-cookie, React-Toastify, FontAwesome, jQuery UI, TypeScript, HTML5, CSS3, Git, npm.

Duration: Jan 2024 to Dec 2024.

Project Description: Developed a specialized customer portal for banking sector focused on ATM and branch security monitoring under the iVIS initiative. The application provides centralized management of CCTV surveillance across nationwide ATM locations with emphasis on incident detection, ticket-based issue resolution, and operational analytics. Features include event-driven alarm system with snapshot capture, footage request management, device diagnostics, energy and temperature trend monitoring, and comprehensive reporting capabilities for security and maintenance teams.

Roles & Responsibilities:

- Worked as Frontend Developer to build ATM surveillance portal with alarm event management, ticket lifecycle tracking, and site operations monitoring
- Implemented authentication with account ID verification, password enforcement, OTP with countdown timer, and cookie-based tenant identification
- Implemented advanced filtering with Autocomplete, date range selection, debounced search, and client/server-side pagination.
- Designed modular component structure with separate folders for protected routes, services, utilities, and reusable React components

Project 3: Work Report Management System (WRMS)

Tools & Environment: React.js, React Hooks, Redux, React Router DOM, Material-UI, Bootstrap, Axios, amCharts, Node.js, Express.js, MongoDB, Mongoose, JWT, js-cookie, FontAwesome, Bcrypt, Express-Session, CORS, Multer, Nodemailer, Web Push, ValidatorJS, PDF-Parser, XLSX, HTML5, CSS3, JavaScript (ES6+), Git, npm

Duration: Sep 2022 to Dec 2023.

Project Description: Enterprise Work Report Management System built using MERN stack enabling employees to submit daily work reports with project activities and hours tracking. Features include automated email notifications to managers, leave management with approval workflows, project-team assignment, browser push notifications, dashboard analytics, and role-based access control for employees, team leads, and managers.

Roles & Responsibilities:

- Developed full-stack web application using MERN stack (MongoDB, Express.js, React.js, Node.js) for enterprise work reporting and project management
- Built RESTful APIs using Node.js and Express.js for work reporting, leave management, and project tracking modules
- Created responsive React components using React Hooks and dashboards, work report forms, leave requests, and project management interfaces
- Designed and implemented MongoDB schemas with Mongoose ODM and complex aggregation pipelines for team reports and analytics

- Developed automated email notifications using SendGrid/Nodemailer for daily status reports and leave approvals
- Built browser push notifications using Web Push API for instant updates on work reports and leave approvals
- Wrote unit tests using Jest achieving 90%+ code coverage.

Risposta Software India Pvt Ltd

Software Engineer

Hyderabad

Dec 2021 – Sep 2022

Project: Adyant Data Integrator

Tools & Environment: React.js, React Hooks, Redux, Redux-Thunk, React Router, Prime React, Bulma, HTML5, CSS3, SASS, TypeScript (ES6+), JSX, Node.js, Express.js, MongoDB, Redis

Duration: Dec 2021 – Sep 2022.

Project Description: Adyant Data Integrator is an enterprise data management platform built using MERN stack designed to perform Data Readiness Assessment and Data Integration. The tool assesses data availability, completeness, and quality gaps for new software implementations/upgrades, preventing UAT delays due to insufficient or bad data. It enables customers to extract, read, transform, and load data into systems in desired formats, ensuring data readiness and seamless integration for prospective customers.

Roles & Responsibilities:

- Developed full-stack application using MERN stack (MongoDB, Express.js, React.js, Node.js) for data assessment and integration workflows
- Created single-page applications (SPA) using React.js, Redux, React Hooks, and Prime React for data visualization and transformation screens
- Implemented state management using Redux with Redux-Thunk middleware for handling asynchronous API calls and RESTful services
- Developed RESTful APIs using Node.js and Express.js for data extraction, transformation, and loading operations
- Implemented Redis caching for performance optimization and data processing efficiency
- Worked with React Hooks (v16.8) for functional component state management and side effects handling

EDUCATION

Ramachandra College of Engineering, JNTU Kakinada

Bachelor of Technology (B.Tech)

HONORS AND AWARDS

Achiever of the Month

Motivity Labs — November 2023 for outstanding contributions to the iVIS Customer Portal and analytics dashboards.