CHANDAN KUMAR
MERN Stack Developer

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ABOUT ME

Full-Stack Software Engineer with 3.5+ years of experience designing and delivering scalable SaaS-based web applications using React, Node.js, Express.js, SQL, and MongoDB. Skilled in building secure REST APIs, implementing role-based access control, and optimizing performance for high-traffic, multi-tenant platforms. Adept in agile environments with strong problem-solving skills, cross-functional collaboration, and a track record of delivering impactful, user-focused solutions.

SKILL

Languages: Javascript , Typescript
Back-end: Node Js , Express Js
Front-end: React , Redux , Next js , Vue js , HTML , CSS , Material UI
Database: Sql , Mongo DB , postgresql
Tools & IDE: Git , Postman , Swagger , Vscode, AWS

EDUCATION

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
Bachelor of Technology, SGPA: 7.0/10
2016-2020

WORK EXPERIENCE

QDegrees Services, (Jaipur)   **SEP 2022-PERSENT**
SOFTWARE DEVELOPER

Glueple – A Human Resource Management SaaS Solution And Enterprise
Role: Full-Stack Developer
- Played a pivotal role in the design, development, and deployment of a comprehensive SaaS-based HRMS platform.
- Collaborated with HR professionals to gather business requirements and translated them into scalable, user-friendly solutions.
- Developed the frontend using React.js and Redux, creating interactive dashboards and intuitive workflows with modern React Hooks.
- Designed and implemented backend APIs with Node.js and Express.js, ensuring seamless data exchange and reliable business logic execution.
- Built and optimized SQL database schemas with complex queries, indexing, and data integrity measures for large-scale usage.
- Implemented Role-Based Access Control (RBAC) and multi-tenant logic for enhanced security and SaaS scalability.
- Conducted unit and integration testing to ensure performance, security, and reliability across modules.

Key HRMS Modules Delivered:
- Attendance Management – Web-based punch-in/out, geofencing-enabled attendance tracking, and detailed punch history.
- Payroll Management – Salary structure creation, salary templates, and automated payroll processing.
- Performance Management – KRA/KPI creation, 360º feedback, and self/manager ratings for performance tracking.
- ATS (Applicant Tracking System) – Recruitment pipeline tracking and candidate management.
- Task Management – Assignment, tracking, and monitoring of employee tasks with reporting.
- Ticket Management & Helpdesk – Streamlined employee support system with issue tracking and chat-based helpdesk.

Tech Stack: React.js, Redux, Node.js, Express.js, SQL, MongoDb

DoYourSurvey – This app will be available for users to earn the rewards by completing the surveys and users will also be able to create their own surveys
Role: Full-Stack Developer
- Led the development of a user-centric survey application, enabling users to earn rewards by completing surveys and create their own custom surveys.
- Built a responsive and intuitive frontend using React.js, ensuring a seamless user experience across devices.
- Developed a robust Node.js backend to manage user profiles, survey data, and rewards with strong data integrity and security.
- Integrated WebRTC video chat functionality, enabling real-time interviews and discussions within surveys.
- Utilized charting libraries to dynamically generate survey result visualizations for enhanced data insights.
- Implemented secure authentication and authorization mechanisms to protect user data and control access.
- Conducted load testing and performance optimization to ensure scalability under high traffic.
- Collaborated with design and product teams to align development with user needs and project goals.
Tech Stack: React.js, Node.js, Express.js, WebRTC, MongoDB

Klubba – Event Management Web Application
Role: Backend Developer
- Led backend development for Klubba, a web application designed to organize and manage both competitive and non-competitive events..
- Built a robust backend server using Node.js and Express.js to handle event data, registrations, and user interactions.
- Designed and implemented RESTful APIs to enable seamless communication between frontend and backend..
- Integrated Socket.io to support real-time features such as live updates on event activities and participant status.
- Utilized MongoDB for scalable event data storage and efficient querying.
Tech Stack: Node.js, Express.js, Socket.io, MongoDB

TECHNO SOFTWARES (JAIPUR)

MAR 2021–SEP 2022

JUNIOR SOFTWARE DEVELOPER

EBSR – Eye Bank Society of Rajasthan.
Role: Full-Stack Developer
- Developed a web application using Vue.js for the frontend, allowing users to interact with dynamic user interfaces and real-time updates.
- Implemented server-side functionalities using Node.js and Express.js for building RESTful APIs to handle data retrieval and manipulation.
- Utilized Vuex for state management in Vue.js to maintain a consistent application state..
- Integrated authentication and user authorization using JWT (JSON Web Tokens) for secure access to various application features.
- Collaborated with a cross-functional team of designers and backend developers to deliver a seamless user experience
Tech Stack: Vue js, Vuetify, Node js, Express js, MySql

Hop - Event Booking Platform.
Role: Frontend Develop
- Led the development of the "hop" web application, designed to provide users with a dynamic and intuitive online experience.
- Employed responsive design principles, resulting in a mobile-friendly and visually appealing UI.
- Conducted performance optimizations, including lazy loading and code splitting, to enhance website speed
- Successfully delivered the "hop" project on schedule, meeting all client requirements and exceeding user expectations
Tech Stack: React, Redux, Material UI, React-hook-form.