Hamdan Full Stack Developer

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PROFILE

Self taught MERN stack developer based in Trivandrum, Kerala, curious to learn more about developing scalable distributed systems, loves problem solving and cares about writing readable as well as maintainable code.

EXPERIENCE

Software Developer (MERN)   2022 – Present
Safe Software and Integrated Solutions (Fintech)
Skilled React.js and Node.js Developer working with teams to ideate and implement software solutions in the fintech sector. Proficient in designing architectures, managing MongoDB and SQL databases, and developing APIs with Node.js. Dedicated to ensuring software efficiency through testing and troubleshooting.

Software Developer Intern (MERN)   07/2022 – 10/2022
Soften Technologies
During my internship at Softern, I independently learned various programming languages and technologies, assessed new students as an interviewer, and provided feedback, showcasing my adaptability, communication skills, and ability to evaluate effectively.

EDUCATION

BSC Computer Science   2019 – 2022
MES Arts and Science

Higher Scondary   2017 – 2019
Markaz Hss

ACHIEVEMENTS

Serve as Team Lead in the company-wide initiative for process improvement

EXPERTISE

Node.js - Next.js - React.js - Clean Architecture - Microservices - Express.js - Mongo-DB - Redux.js - Socket.io - Docker - Kubernetes - Firebase - MVC architecture - SCSS - SOLID principles - Material-UI - shadcn-UI - GraphQl - Tailwind - JWT

ALSO USED

Redis - Typescript - kafka - nats - Jest - MySql - MS-Sql - Postman - Figma - Nginx - Pm2 - Skaffold - Framer-Motion - React-Bootstrap - Redux-Saga

INTEGRATION

Multer - Node Mailer - Cloudinary - Azure - Stripe - Oauth 2.0 - S3 - PWA - BSNL msg - JIO msg

PROJECTS

Multi-Module Banking Dashboard - Canara Bank
A comprehensive multi-module dashboard for Canara Bank, integrating critical banking datasets to enhance transparency and operational efficiency.
Created a comprehensive multi-module dashboard integrating critical banking datasets, including SARFAESI, NPA, NF, service matters, legal case data, and staff-related information.
Designed the dashboard as a single source of truth for management and operational teams, ensuring accessibility of consolidated insights in one place.
Enhanced case and compliance tracking with dedicated modules for SARFAESI and legal matters, ensuring regulatory adherence.
Ensured the dashboard delivered scalability, accuracy, and user-friendly visualizations to cater to both technical and non-technical stakeholders.

Strengthened transparency and operational efficiency, empowering senior management with actionable insights.

KSSFCL (Karnataka State Souharda Federal Cooperative LTD)
- Court Module: Manages court-related data, e-case filing, approval processes, and petition filings. - Training Module: Handles trainee registrations, exam details, class schedules, and related information. - Magazine Module: Oversees printing operations, book and author details, and subscription management. - Secretariat Module: Facilitates election processes and manages election results. - Admin Module: Centralized management of all other modules.
Technologies used in this MVC architecture, Reactjs, GraphQL, Nodejs, Asure, MS-SQL, Redux.js, Material-UI, SCSS, etc..

SMA (Karnataka Vikas Grameena Bank)
- mplemented a secure and efficient three-tier login system, enhancing user authentication and access control - Improved accuracy and reduced documentation time through automation. Ensured timely communication and task tracking. Enabled customers to explore and access various bank facilities. Enhanced the efficiency of loan processing and oversight, ensuring compliance and improving turnaround times for Karnataka Vikas Grameena Bank (KVGB).
Technologies used in this MVC architecture, Reactjs, Nodejs, Asure, MS-SQL, Redux.js, Material-UI, SCSS, etc..

EOFFICE (ARTCO Ltd.)
- Developed a system to automate and streamline the approval process for cooperative banks. - Implemented workflows for key roles including President, Secretary, Manager, Section Officer, Clerk, and Director. - Reduced approval times and increased operational efficiency through automated processes. - Ensured adherence to compliance standards and improved documentation accuracy.
Technologies used in this MVC architecture, Reactjs, GraphQL, Nodejs, Asure, MS-SQL, Redux.js, Material-UI, SCSS, Framer-Motion, etc..

GASEASE
- A comprehensive solution designed to streamline operations for gas agencies and enhance customer convenience. - Easily assign and reassign branches to manage service areas effectively. - Schedule and manage safety inspections for gas installations. Simplify the process of creating new user accounts for customers and staff. - Keep customers informed with automated SMS notifications for bookings, deliveries, and updates.
Technologies used in this MVC architecture, Reactjs, GraphQL, Nodejs, Asure, MS-SQL, Redux.js, Material-UI, SCSS, etc..

PERSONAL PROJECTS

Social Media (Instagram-clone)
10/2024 – Present
- User Interface Design: Created a pixel-perfect clone of Instagram's user interface using React, ensuring a visually identical and responsive design across various devices and screen sizes. - Feature Implementation: Replicated core features including the home feed, profile page, post creation, stories, and notifications, providing a seamless and intuitive user experience.

Ticketing
10/2024 – Present
- Microservices Implementation: Designed five core microservices (Tickets, Expiration, Authentication, Users, Payments) with Docker and Kubernetes for independent deployment and scaling. - User Authentication and Authorization: Secured the application using JWT in the Authentication service, ensuring robust user login, registration, and session management. - Ticket Management and Ownership: Enabled users to create, update (if owned), and list tickets through the Tickets service, integrating Redis in the Expiration service for managing ticket availability. - Secure Payment Processing: Integrated Stripe within the Payments service, allowing users to purchase tickets securely, with event-driven communication to handle payment confirmation and ticket updates.
Technologies used in this Microservices, Kafka, Typescript, MongoDB, Node.js, Next.js, Kubernetes, Docker, Skaffold, Nginx, Redis, etc..