

Jabin v

MERN Stack Developer
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Profile Summary

Full-stack web developer with over 2.5 years of experience with a strong understanding of DevOps practices. Specialized in creating visually stunning and accessible web applications that prioritize high availability and scalability. Committed to lifelong learning and embracing new challenges, seeking continuous growth and improvement.

Professional Experience

Full stack developer | Dare2digital

Jun 2022 to present

- Spearheaded efforts to secure funding for a cutting-edge AR/VR project, collaborating closely with cross-functional teams and contributing to an increase in grant applications by 25%, resulting in successful capital acquisition.
- Implementing code splitting to reduce initial bundle size by 20%.
- Implementing memoization strategies to optimize component rendering, leading to a noticeable improvement in application speed and overall user satisfaction.
- Implemented caching strategies (Redis) to reduce database load by 30%.
- By using React Query, i significantly reduced loading times and improved overall performance through efficient data fetching and caching strategies
- Optimized database queries using indexes and query optimization techniques.
- Deployed applications to AWS to leverage its auto-scaling capabilities.
- Integrated React Flow with backend systems to automate tasks and trigger actions based on workflow events.

Technical Skills

Languages: JavaScript, TypeScript, Java

Libraries & Frameworks: Node.js, Express, React, NextJS 14, TailwindCSS, Socket.io, React query

Microservices: Docker, Kubernetes, Apache Kafka, Redis

Ci / CD : Jenkins, Gitlab, Github actions, Argocd

Tools & Platforms: Git, Jest, Github Actions, Netlify, Vercel, AWS

Concepts: Clean Architecture, MVC Architecture, Agile Methodologies

Database: MongoDB

State Management: Redux, Zustand, Context Api

Personal Projects

CrunchCab: Multi Tenant Pizza Delivery application | *Next.js, React.js, Node, Docker, Kubernetes, Apache Kafka, Argocd, Github actions, MongoDB*

- Led the development of a multi-tenant pizza delivery app. A sophisticated web application that allows multiple pizza restaurants to operate under a single platform.
- Architected a microservices solution with Kafka Streaming to enhance system scalability, improve data consistency, and reduce latency.
- The whole app is split into 5 services namely, Authentication, Catalog, Order, Websocket & Notification

- Utilized Clean Architecture to create a robust and flexible system that can easily adapt to future changes.
- Used React.js 18 for Admin UI Took advantage of Next.js 14 for server-side rendering for customer facing UI.
- Streamlined the development and deployment process by implementing CI/CD pipelines with GitHub Actions and ArgoCD
- Socket.io for real time scalable notification system
- Leveraged Docker and Kubernetes to containerize and orchestrate applications, deploying them to a scalable and reliable AWS environment.

Code Capsule: Ai code generation and preview App | Next.js, Docker, OAI

- Revolutionized the development process with an AI-powered code generation tool that significantly increased developer productivity and code quality.
- Generate live code snippets and instantly preview them .
- Leveraged cutting-edge AI models from OpenAI, Anthropic, Google Gemini, and other leading providers to enhance application capabilities.
- Configure custom API settings for seamless coding .
- Add and preview code-based attachments like images and screenshots .
- User authentication with Supabase for secure login .
- Use PostHog analytics for tracking user interactions .
- Rate limiting and deployment using Vercel and Upstash KV .

Taskify: Task Management App | React.js, Next.js, Tailwind CSS, Shadcn UI, Hono.js, Appwrite

- a robust task management system to streamline workflow and boost productivity. This web-based application empowers users to create, organize, and track tasks effectively.
- Consist of Kanban Board view, Calendar view, Data table view, to help teams visualize their work and maximize efficiency
- workspaces, editing and deleting tasks, invite system, role-based access control system, image uploads, analytics, authentication and more!
- Applied a minimalist design system using shadcn/ui components and TailwindCSS.
- Ensured security and resilience by following best practices including schema validations with Zod

Education

Btech Electrical and Electronics Engineering - 2020