

Mohamed shafeeq kp

MERN Stack Developer

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Profile Summary

Self-taught MERN Stack Developer proficient in **MongoDB**, **Express.js**, **React.js** and **Node.js**. Skilled in developing responsive and user-friendly web applications. Deep expertise in modern web technologies, dedicated to producing robust and maintainable code. Passionate team player, consistently contributing to successful project outcomes in collaborative environments.

Skills

Front-End Development: React.js, Redux, Next.js, HTML, CSS, Tailwind CSS, Bootstrap, DaisyUI, Material UI, shadcn/ui, Framer Motion, Clerk, Stream, Dnd Kit, Hello pangea DnD

Back-End Development: Node.js, Express.js, MongoDB, PostgreSQL, JavaScript

Integrations: Socket.IO, OAuth, Cloudinary, WebSocket, Passport.js

Design & Prototyping: Figma, Adobe XD, Photoshop, Canva, Adobe Illustrator, Jitter

Development Tools: VS Code, Git, GitHub Actions

Other Tools & Technologies: Postman, WebRTC, Nodemailer, SendGrid, AWS, Vercel, Netlify, Render

Concepts & Methodologies: Clean Architecture, MVC Architecture, SOLID Principles, Agile Methodologies, ACID Properties, OOP, DSA

Professional Experience

BridgeOn Solutions, Full Stack Developer (MERN) Intern

Jul 2024 - Present

- Developed and optimized user interfaces and backend functionality using the MERN stack, ensuring seamless user experiences and robust performance.
- Collaborated with cross-functional teams to ensure smooth front-end and back-end integration.
- Built and maintained RESTful APIs for efficient data flow and integration.
- Implemented responsive, scalable designs to enhance user satisfaction and business performance.
- Worked with DevOps to streamline deployment and ensure optimal application performance.
- Developed multi-device optimized applications for consistent, responsive user experiences.

Projects

ScrumX - Remote Collaboration Tool [Live Link](#) | [GitHub](#)

- **User-Friendly Features:** Built with **Next.js**, this tool includes a Kanban board, video conferencing, screen sharing, real-time chat, and task management, enabling seamless and efficient team collaboration.
- **Secure Authentication:** Secured with **JWT** and **Google authentication**, providing safe and convenient access control for managing project data and communications.
- **Efficient Database:** **MongoDB** efficiently manages real-time data, ensuring fast and reliable access for all collaboration features, supporting smooth and scalable performance. **Socket.IO** is used for real-time communication.

Technologies Used: Next.js, MongoDB, WebSocket, DndKit, WebRTC, Node.js, AWS EC2, NGINX, Socket.IO

Live Auction Tool OnGoing

- **User-Friendly Features:** Built with **Next.js**, this tool enables seamless live auctions with instant bid updates, countdown timers, and interactive user engagement.
- **Secure Features:** Implements **JWT authentication** and **Razorpay** for secure and seamless payment processing.
- **Efficient Database:** Uses both **MongoDB** and **PostgreSQL** for efficient data management, ensuring optimal performance for real-time transactions.
- **Scalable Deployment:** Designed using a **microservices architecture**, allowing better scalability, flexibility, and maintainability. **Socket.IO** powers real-time bid updates.

Technologies Used: Next.js, MongoDB, PostgreSQL, WebSocket, Socket.IO, Node.js, Razorpay, Microservices, AWS

Mini Projects

Evoque - Shoe E-commerce [Live Link](#) | [GitHub](#)

- **User-Friendly Features:** Built with **React.js**, Evoque provides intuitive product browsing, cart management, wishlists, order tracking, and a fully responsive design for an enhanced shopping experience.
- **Secure Features:** Implements **JWT-based authentication**, securely storing tokens in cookies to ensure safe and smooth user access.
- **Efficient Database:** Uses **MongoDB Atlas** for handling products, users, and orders efficiently, offering high performance and scalability for both customers and admin operations.

Technologies Used: React.js, Express.js, Node.js, MongoDB, Redux Toolkit, Render, Vercel, Atlas

Education

B.Tech - Computer Science

2020 - 2024

Apj abdul kalam Univeristy (kTU)