

MOHAMAD NIFRAS VP

Full stack Developer

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PROFILE

Full-stack web designer and developer skilled in creating visually appealing and accessible web applications. Focused on high availability and scalability, ensuring seamless user experiences. Dedicated to continuous learning, embracing new challenges, and consistently improving technical expertise.

EXPERIENCE

Mern Stack Developer Intern

07/2024 – present

BridgeOn Solution LLP

- Developed full-stack web applications using the **MERN stack (MongoDB, Express.js, React.js, Node.js)** to support dynamic and interactive user interfaces.
- Built responsive web interfaces using **React.js** or **Next.js**, **Tailwind CSS**, and **Bootstrap** to improve user experience.
- Developed RESTful APIs with **Node.js** and **Express.js** for handling data and user interactions.
- Worked with **MongoDB** for database operations, including schema design and CRUD functionality.
- Implemented **JWT-based authentication and role-based access control**, ensuring secure login and route protection.
- Integrated third-party services like **Cloudinary** for image uploads and **Razorpay** for payment processing.
- Collaborated closely with UI/UX designers to convert Figma designs into functional components.
- Collaborated with the team using **Git** and **GitHub** for version control and code reviews.
- Continuously learning and implementing new **libraries** and **frameworks** to enhance development efficiency.

SKILLS

Languages — HTML5, CSS, Javascript, typescript

Libraries and Frameworks — React, Nextjs , TailwindCSS, WebSocket, Bootstrap, Redux Toolkit, Nodejs, Expressjs, Mongoose

Integrations: — Cloudinary, Passport JS, OAuth, Clerk,

Database — MongoDB, PostgreSQL

Design & Prototyping: — Figma, Photoshop, Canva

PROJECTS

Automated Live Auction Platform

Ongoing

NextJS, Nodejs, MongoDB, PSQL, Socket, Razorpay

Automated Live Auction Platform is a system where people can bid on items in real-time, and the entire process—like starting, managing, and closing auctions using this.

- **Comprehensive Auction System** – Enables users to post items for bidding with **three auction types: Offline (QR-based registration), Scheduled (deadline-based bidding with notifications), and Live (automated real-time bidding using WebSockets).**
- **Secure Authentication** : Implemented secure authentication using **Google OAuth with Clerk**, ensuring robust access control and a seamless, user-friendly login experience.

- **Secure Payment Integration** – Implements a **token-based payment system** for participation and a **final payment gateway** for winners, ensuring safe and transparent transactions
- **Real-Time & Automated Bidding** – Uses **WebSockets to automate bid calls (15s → 15s → 10s) in live auctions**, with bid resets if a new bid is placed before the final call.
- **Real-Time Notification System** – Sends **real-time alerts** via email and push notifications for bid
- **Location-Based Filtering** – Prioritizes posts based on **user proximity**, ensuring nearby auctions appear first with filtering options.
- **Admin Dashboard & Legal Compliance** – Features an **admin module** to manage auctions, oversee transactions, and **ensure legal security** between participants.

ScrumX,REMOTE COLLABORATION TOOL

02/2025 – 03/2025

Project Management

Remote Collaboration Toll - web application that enables teams to work together in real time, regardless of their location. It combines real-time messaging, video communication, and secure project management, making it easier to collaborate remotely.o develop a **Node.js,MongoDB** and **Next.js,TypeScript**, state management use **Redux Toolkit**

- **Technologies** : Next.js, TypeScript, Tailwind Css, Redux, Node.js,Express.js,MongoDB,Websocket, Entity Framework, librarys
- **User Friendly** : Built with Next.js, this tool includes a Kanban board, video conferencing, screen sharing, real-time chat, and task management, personal note
- **Secure Authentication** : Implemented robust authentication using JWT and Google OAuth with Passport.js, ensuring secure, reliable, and user-friendly access control.
- **Database Performance** : Optimized database efficiently manages MongoDB and Mongoose, leading to improved API response times

ShoeZone : Shoe E-Commerce Platform

11/2024 – 11/2024

FrontEnd | BackEnd

ShoeZone is an online shopping platform where users can easily browse, search, and buy different types of footwear. It's designed to be fast, secure, and easy to use.

- **Technologies**: Web API, React JS, Bootstrap, Redux, Entity Framework, MongoDB,Nodejs, Razorpay, Cloundinary, JWT Authentication
- **User-Friendly Interface**:Built a clean and easy-to-use frontend with **React.js and Tailwind CSS** to make the site more user-friendly and engaging.
- **Secure Online Payments**: Integrated **Razorpay** to enable secure, reliable, and seamless transactions, enhancing the overall checkout experience.
- **Image Management with Cloundinary**: Used Cloundinary to upload and show images faster, which helped the site load quicker and look better.
- **Optimized API & Database Performance**: Enhanced backend performance by optimizing **MongoDB queries** using **Mongoose**, resulting in faster and more efficient API responses.
- **Scalability & Responsiveness**: Created a mobile-first, responsive design with Tailwind CSS so the website works well on all screen sizes.

EDUCATION

DTPO(Desk Top Publishing Operator)

2022 – 2023

Government ITI Maranchery Kanjiramukku, Malappuram, Kerala.

LANGUAGES

MALAYALAM | ENGLISH