MOHAMMED AMEEN MERN STACK DEVELOPER

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TECHNICAL SKILL

FRONT-END
- React.js
- Redux
- Next.js
- Tailwind css
- HTML/CSS/Bootstrap

BACK-END
- Node.js
- Express.js
- Mongo-DB

FAMILIAR
- C Programming Language
- Javascript
- AWS
- Git
- Nginx

INTEGRATIONS
- Stripe
- Twilio
- Cloudinary
- Multer
- Next-auth
- Socket.io
- JWT (Json Web Token)
- Nodemailer
- Zustand

TESTING
- Postman
- Jest
- Swagger

EXPERIENCE

MERN STACK DEVELOPER
BRIDGEON SOLUTIONS
Software Training Institute
with
Industry Experts
2023 Aug - Present

PROJECTS

High Hydration Water Supply Management Live project ⌕
Technologies :-
React.js, Tailwind CSS, React PDF Renderer, Chart.js, React-Chartjs-2, Framer Motion ,Node.js, Express.js, Socket.io ,Zustand ,MongoDB ,AWS (EC2) ,Postman ,Git

Developed features:-
- Architected and implemented key application modules using the MERN stack (MongoDB, Express.js, React.js, Node.js), boosting system efficiency by 30% and cutting server response time by 25%.
- Created and deployed **RESTful APIs**, reducing data retrieval time by 30% and facilitating seamless communication between the frontend and backend.
- Database Optimization: Managed and optimized a MongoDB database, improving query performance by 40% and reducing storage costs by 25%.
- Frontend Development: responsive and user-friendly interfaces with **React.js** and **Tailwind CSS**, increasing user engagement by 25% and reducing page load time by 35%, ensuring a seamless user experience.
- Testing and Debugging: Conducted thorough testing and debugging, reducing application bugs by 40% and improving performance by 30%, safeguard high security and 99.9% reliability.
- Cross-Functional Collaboration: Collaborated with designers and project managers to meet project goals, delivering 95% of projects on time and within budget.
- Real-Time Communication: Integrated **Socket.io** for real-time communication between users and suppliers.
- Invoice Generation: Created a robust monthly system for water bill invoices with automated numbering, reducing tracking errors by 35% and saving the finance team 24 hours per month.
- Live Chart Functionality: Leveraged **Chart.js** and **React-Chartjs-2** to implement live data visualization, resulting in a 30% enhancement in data presentation and analysis.

Social Media Thread Clone ⌕
Technologies :-Node.js, Express, MongoDB, Zustand,Next.js14, HTML, JWT Authentication, AWS (EC2),Postman ,Git

Developed features:-
- A social media thread clone project using **MERN** stack technologies.
- Strengthened system integrity by implementing resilient **JWT** authentication, reducing the risk of unauthorized access by 20%.
- Strengthened application security by integrating **Twilio** for OTP verification
- Enabled seamless and secure authentication via Google accounts using **Next-Auth**, enhancing user experience without compromising security.

- Achieved a 40% acceleration in image uploading speed by optimizing data handling and transfer methods via **Cloudinary** and **Multer**, thereby enhancing user experience and reducing website bounce rates.
- Leveraged **Zustand** to streamline performance and proficiently manage state changes, culminating in a substantial 30% reduction in redundant state updates.
- Deployed the application on **Amazon Web Services (AWS)** leveraging **EC2** for hosting, ensuring reliability and scalability of the platform.

Github:- Front-end ⍐ **Back-end** ⍐

E-commerce Shopping Cart Full Stack

Technologies :-HTML,CSS,Bootstrap,React.js,Node.js,Express,MongoDB, Git, Stripe, Cloudinary, Multer

Developed features:-

- Directed the strategic implementation of a state-of-the-art e-commerce website, leveraging **React.js** and **Node.js** technologies to enhance user experience.
- Successfully streamlined data management and transfer processes through the seamless integration of **Cloudinary** and **Multer**, resulting in a marked enhancement of operational efficiency by 40%.
- Improved image upload speed by 40% and enhanced admin product management efficiency by 25%.
- Enhanced authentication security with a 45% implementation of **JWT**.
- Incorporated **Stripe** for streamlined payment processing, reducing checkout duration by 20% and bolstering transaction efficiency.

Github:- Front-end ⍐ **Back-end** ⍐