ASHIK TK

MERN Stack Developer

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Summary

Experienced MERN Stack Developer with a strong background in building scalable web applications and systems. Proficient in front-end and back-end development, with expertise in React, Node.js, Express, and MongoDB. Adept at collaborating with cross-functional teams to deliver high-quality products on time.

Technical Skills

Frontend: HTML, CSS, JavaScript, React, Redux, Tailwind CSS, TypeScript
Backend: Node.js, Express.js, RESTful APIs, JWT Authentication , Linux , Redis
Database: MongoDB, Mongoose,SQL,S3 Bucket
Tools and Platforms: Git, Vite, ESLint, Jest ,AWS ,Nginx
Other: MVC Architecture , Repository architecture

Projects

E-Learning platform | *TypeScript,React,Redux,Node js,Express,Tailwind,MongoDB,S3 Bucket,Socket.io,Redis* **August 2024**

- Developed three distinct modules (Admin, Tutor, User) using repository architecture, for efficient performance and scalability.
- Utilized technologies like React, Redux, Node.js, Express.js, MongoDB, TypeScript ,Tsx , Tailwind CSS, Socket.io, S3 bucket for storage, and Redis for temporary caching.
- Implemented features such as chat, community forum, social interaction functionalities, and a subscription model.
- Led the development, integrated JWT for authentication, ensured responsive design with Tailwind CSS, managed real-time communication with Socket.io, and handled storage with S3 and caching with Redis. Used TSX and TypeScript in the backend for development mode.

E-Commerce Fashion Store | *JavaScript, Node js,Express, MongoDB(Atlas cloud), Razorpay, AWS ,Nginx* **March 2024**

- Developed and implemented a full-stack e-commerce platform using Node.js, Express, MongoDB, and Mongoose, deployed on AWS with Nginx for efficient performance and scalability.
- Designed and integrated user-friendly interfaces for both admin and customer sides, featuring comprehensive functionalities such as product management, order tracking, and customizable user dashboards with sales analytics.
- Implemented secure payment processing using Razorpay API, enabling seamless transactions and integrated features like order management (cancellation, returns, refunds), user wallets, and referral rewards system.
- Utilized MongoDB Atlas for cloud-based database management, ensuring data integrity and high availability, and leveraged advanced querying and indexing for optimized performance of the application.

Netflix clone | *React ,Axios, Firebase, CSS* **June 2024**

- Created a responsive user interface in React.js, optimizing navigation and ensuring seamless viewing across devices, thereby enhancing accessibility and engagement through a visually appealing layout.
- Utilized Firebase Firestore to store and manage movie data, leveraging its cloud-based NoSQL database service for scalability and real-time updates.
- Integrated React Router for client-side routing and utilized API fetching to dynamically retrieve and display movie data, replicating backend-like functionality within the React framework.

OLX Clone | *React, React-Router, Firebase* **June 2024**

- Implemented responsive design using React components and CSS, incorporating media queries, flexbox, and grid layouts to ensure adaptability across different screen sizes.
- Integrated Firebase Realtime Database using Firebase SDKs and React hooks to synchronize data seamlessly between frontend and backend, enabling instant updates of listings and user interactions.
- Utilized React Hooks, API Integration, and Routing: Leveraged useState, useEffect, and custom hooks for robust state management and handling side effects within components. Implemented efficient API fetch calls for seamless data retrieval and updates from external or custom backend services.

Experience

Self-Employed December 2023 – Present
Ernakulam *Kochi, Kerala*

- Collaborated with professionals having at least 3 years of industry experience.
- Received code reviews, suggestions, and additional tasks for ongoing projects.
- Implemented features based on feedback and improved project quality.
- Managed multiple projects simultaneously, ensuring timely delivery and client satisfaction.

Education

MG University University Feb. 2020 – May 2023
Bachelor of Science in Computer Application - Artificial Intelligence and ML *Ernakulam, Kerala*

Relevant Coursework

- Data Structures
- JavaScript
- TypeScript
- UI/UX Design (Figma)
- Database Management
- React Redux
- Hosting
- Computer Architecture

Training / Education

MERN Stack Bootcamp Current
Participant *Brototype*

- Engaging in a comprehensive training program focusing on technical skills (Node.js, Express, React, MongoDB) and communication strategies within the tech industry.

- Learning and applying best practices in full-stack web development, including database management, server-side scripting, and client-side user interfaces.

- Collaborating with peers on projects to enhance proficiency in agile development methodologies and teamwork dynamics.