

AHAMMED AFNAN

MERN STACK DEVELOPER

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SUMMARY

Results-driven, self-taught **MERN Stack developer** with a proven track record in building scalable web applications. Proficient in **HTML5, CSS3, JavaScript, Tailwind, Express.js, React.js, Node.js**, and **MongoDB**. Experienced in successfully delivering both mini-projects and large-scale projects, including a feature-rich e-commerce site and a freelance platform. Energetic, adaptable, and a quick learner, with a resilient mindset and dedication to developing API-friendly solutions.

TECHNICAL SKILLS

Programming Languages	: JavaScript (ES6), TypeScript, CSS3, HTML5
Frontend Technologies	: React.js, Next.js, Remix, Redux Toolkit, Tailwind CSS, Bootstrap 5
Backend Frameworks	: Node.js, Express.js
Database Management Systems	: MongoDB, PostgreSQL
Development Tools	: Git, GitHub, VS Code, Figma, Postman
Integrations and Libraries	: Multer, Razorpay, EC2, NodeMailer, OAuth 2.0
Hosting Platforms	: AWS, Hostinger, Netlify, Render, Nginx
Familiar With	: Media Queries, Socket.io, ZegoCloud
Expertise In	: JWT, Data Structures, MVC Architecture, REST APIs

PROJECTS

DEEP MUSCLE (ONGOING | Freelance) | REMIX, MongoDB, Node.js, Express, TailwindCSS
[GitHub](#)

Developed a full-stack web application for a creative product brand with robust authentication and e-commerce features.

- **JWT** and **OAuth 2.0** for secure authentication.
- Responsive design with seamless user experience.
- Backend with efficient user and product data management.

ARTFLOW (SOCIAL-MEDIA) | REACT.js, REDUX, JavaScript, MongoDB, Node.js, Express, Tailwind-CSS

[GitHub](#) | [Live](#)

A user-friendly platform that connects society individuals with skilled artists seeking freelance work. Built completely from **scratch**, streamlined the process of finding artists for project needs, established a seamless avenue for collaboration. Empowered artists with freelance opportunities, fostering a mutually beneficial environment for efficient art works execution.

- Architected a cutting-edge **MERN Stack** platform catering to freelance Artworks, streamlining user, artist, and admin communications; Implemented a secure user **Authentication** system with **JWT tokens** and **Role-based authorization** to fortify platform security.
- Real-time chat and videocall(zegocloud) functionality using **Socket.io**, enabling instant communication among user and artist. Additionally, incorporated **Nodemailer** for seamless email communication, including a **Robust OTP** resend functionality.
- Enabled engaging user interactions with features such as commenting, following, post liking and commenting, search, filtering, **Notifications** and used **Local Storage** to store token.
- Managed media content by implementing image uploading using **Multer** and **react cropper**.
- Launched the project by hosting the platform's backend on **Render**, leveraging its seamless deployment and scaling capabilities. Employed efficient backend services for handling incoming requests. Additionally, orchestrated the frontend deployment on **Netlify**, guaranteeing a well-integrated and high-performance web infrastructure.

SNEAKER STREET(E-COMMERCE WEB APPLICATION) | JavaScript, CSS3, Node.js, MongoDB, Express, EJS
[GitHub](#)

A shopping website that prioritizes a smooth and delightful experience for users to purchase footwears. Built on the **MVC Pattern** for efficient code organization, the platform ensures streamlined project structure.

- Implemented **RESTful APIs** to facilitate seamless communication between the frontend and backend, ensuring efficient data retrieval and manipulation for an enhanced user experience.
- Robust password **Encryption** with **Bcrypt** and **Crypto**.
- Implemented secure user **Authentication** using **Cookies** and **Sessions**, ensured a robust and reliable method for user identification and Authorization throughout the online shopping experience.
- Designed an intuitive shopping **Cart** with advanced features like **Coupons** support and dynamic **Wishlist**.
- Enhanced user experience with efficient search, filter options and personalized user management, creating a seamless and engaging online shopping journey.
- Optimized views through the implementation of **dynamic HTML rendering with EJS**, fostering a seamless and engaging user experience in web applications.
- Successfully integrated payment functionality with **Razorpay**, enhancing the platform with secure and efficient transaction processing for a seamless and trustworthy user checkout experience.
- Launched the project by securing a domain from **Hostinger** and hosted the platform on **AWS** . Employed **NGINX** for robust web server capabilities

EDUCATION

MERN Stack Development
Brototype, Calicut

September 2023 - Present

+2 CS
Ghss Mogral Puthur, Kasaragod

2021 - 2022