FATHIMA NASRIN
MEAN STACK DEVELOPER

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SUMMARY

A self-taught **MEAN Stack Developer** with a background in building robust web applications. Proficient in developing clean, maintainable and efficient code using **MongoDB, Express.js, Angular** and **Node.js**. A quick learner who stays up-to-date with the latest trends and technologies in MEAN STACK development. Skilled in problem-solving and collaborating with cross-functional teams to deliver high-quality web applications.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript,C
Frond End Development: Angular, Ngrx, RxJS, Tailwind, CSS, Bootstrap, HTML
Back End Development: Node.js, ExpressJS, Mongoose, REST API
Database: MongoDB, PostgreSQL
Deployment: AWS, EC2, Nginx, Render, S3 Bucket
Integrations: Cloudinary, socket.IO, Multer, Nodemailer, Razorpay, Firebase, Zegocloud
Tools: GitHub, Figma, Postman
Advanced In: Data Structure
Familiar With: Clean Architecture, MVC, JWT.

PROJECTS

MEDILINK | *Booking Application*   [GitHub Link](#)

MediLink is a comprehensive platform designed to simplify the process of booking medical appointments and obtaining online consultations. Patients can effortlessly book appointments with doctors and consult with them digitally. Built with an MVC architecture using JavaScript and Node.js for the backend and Angular for the frontend, MediLink delivers a dynamic and engaging user experience.

- Angular is used for getting the best user experience and making the website visually appealing using Tailwind CSS. leverages NGRX state management for maintaining data globally.
- Designed in Figma and the APIs were made using the help of PostMan.
- Angular PrimeNG has been utilised for an appealing interface.
- For reducing the complexity of the code and to scale easily MVC Architecture is maintained in this project
- For getting better efficiency, speed and performance Node.js Environment and ExpressJS framework is used
- User authentication and authorization are handled using JWT (JSON Web Token), with a refresh token feature for enhanced security. Both access and refresh tokens are utilized for user validation
- Cloudinaryis used for storing images. Multer is employed for handling file uploads.
- Utilized Socket.IO to integrate real-time chat features for instant messaging and seamless communication, alongside video call functionalities supported by ZegoCloudfor delivering high-quality video conferencing experiences.

Technologies used: Node.js, Angular, NgRx, ExpressJS, MongoDB, ZegoCloud, Socket.IO, JWT, Cloudinary, MVC Architecture, Multer.

WILLING WEARINGS | *Ecommerse Application*   [GitHub Link](#)

Willing Wearing is a premier destination for all clothing products, offering a convenient online platform to purchase high-quality dresses, salwars, sarees, and western wear. Customers can easily buy clothes, while administrators have the capability to add, update, edit, and delete products, as well as manage users.

- Utilized MVC architecture principles to ensure scalability and maintainability of the platform.
- Integrated payment gateway Razorpay is used and also user can make payment from Wallet and Cash on Delivery option also available.
- Provided the admin side with features such as sales reports, adding coupons, offers, graph reports, etc.
- Integrated other features such as product review, cart management, stock management,category management, etc.

- Deployed using EC2 Virtual Machine. Domain purchased using Hostinger .To direct Domain to virtual machine Cloudflare DNS(Domain Name Server service is used.

Technologies used: Node.js, Ejs, ExpressJS, MongoDB, Nginx, AWS, EC2, Multer.

Mini Projects

NGRX-Usermanagement   [GitHub Link](#)
- Developed a user management system including admin functionalities with Angular, NgRx, Node.js, JWT auth, and MongoDB.
- Implemented global state management using NgRx.
- IEnsured secure authentication with JWT.
- Built scalable APIs using Express.js in Node.js.

ShowTime   [GitHub Link](#)
- Integrated TMDB and OMDB Api.
- Json parse and populate data to views.
- MVVM Design pattern is used.
- Added youtube view inside app which plays trailer.

To-Do List   [GitHub Link](#)
- A simple and intuitive task management application built using Angular JS
- A practical example for learning and understanding React's fundamental concepts

Education

Full Stack Development In MEAN STACK − *Simulated Work Environment*   2022 - present
Brototype, Ernakulam, Kerala

Self-learned Angular, Node.Js, Express.js Mongodb, JavaScript, HTML, and CSS through simulated work environment at Brototype. Practiced agile methodologies and version control systems like Git in project simulations. Collaborated with peers in problem-solving sessions, fostering teamwork and code review practices. Developed and deployed web applications, demonstrating proficiency in modern development practices.

B.TECH Civil Engineering   2018-2022
KMEA Engineering College, Ernakulam, Kerala

Soft Skills

Problem Solving | Adaptability | Interdisciplinary Projects Enthusiast | Time Management | Teamwork and Collaboration | Communication