

# FATHIMA NASRIN

MEAN STACK DEVELOPER

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## SUMMARY

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A self-taught **MEAN Stack Developer** excited to join Pradeep IT as a FrontEnd Developer with a background in building robust web applications. Proficient in developing clean, maintainable and efficient code using **MongoDB, ExpressJS, 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, collaborating with cross-functional teams, and translating business requirements into technical solutions.

## TECHNICAL SKILLS

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**Programming Languages:** JavaScript, TypeScript, SQL, C

**Front End Development:** Angular, NGRX, RxJS, Tailwind, CSS, Bootstrap, HTML, AJAX, JQuery, DOM, BOM, Handlebars, EJS

**Back End Development:** Node.js, Express.js, Mongoose, REST API, MVC Architecture, MVVM Architecture, JWT

**Database:** MongoDB, PostgreSQL

**Deployment:** AWS(EC2,S3 Bucket), Nginx, Render,

**Integration and Tools:** GIT, GitHub, Postman, Figma, Cloudinary, socket.IO, Multer, Nodemailer, Razorpay, Firebase, Zegocloud, JSON

**Advanced In:** MEAN Stack, JavaScript, Node.js, Angular, Express.js, MongoDB, Data Structure

**Familiar With:** Clean Architecture

## PROJECTS

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### MEDILINK | *Medical Appointment and Consultation Platform*

[GitHub Link](#)

To develop a comprehensive platform simplifying medical appointment bookings and online consultations with a dynamic and engaging user experience.

- Developed a user-friendly interface using **Angular** and **PrimeNG**, **Material UI**, **Tailwind CSS** for optimal user experience.
- Implemented **NGRX** state management for maintaining global data.
- Designed the UI in **Figma** and created APIs using **PostMan**.
- Maintained **MVC** and **MVVM** architectures to reduce code complexity and enhance scalability.
- Utilized **Node.js** and **ExpressJS** for efficient backend performance.
- Handled user authentication and authorization with **JWT**, implementing access and refresh tokens for enhanced security.
- Integrated **Cloudinary** for image storage and **Multer** for file uploads.
- Implemented real-time chat features using **Socket.IO** and high-quality video conferencing with **ZegoCloud**.
- Enhanced user experience and satisfaction through **real-time communication** and **secure data handling**.

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

### WILLING WEARINGS | *Online Clothing Store*

[GitHub Link](#)

To develop an online platform for purchasing high-quality dresses, providing robust administrative capabilities for product and user management.

- Implemented **MVC architecture** to ensure scalability and maintainability.
- Integrated **Razorpay** for secure payment processing, with additional payment options like Wallet and Cash on Delivery.
- Developed admin features including sales reports, **coupon and offer management**, and graphical reports.
- Implemented **cart management**, **stock management**, and **category management**.
- Deployed the platform using an **EC2** Virtual Machine, purchased the domain through **Hostinger** and **AWS**, and configured Cloudflare DNS for domain management.

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

## MINI PROJECTS

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### 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**.
- Ensured secure authentication with **JWT**.
- Built scalable APIs using **Express.js** in **Node.js**.

### ShowTime - Netflix Clone

[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**
- A practical example for learning and understanding Angular's fundamental concepts

## WORK HISTORY

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### BROTOTYPE – *Simulated Wrok Environment*

April 2023 - present

Self-learned AngularJS, Node.Js, Express.js Mongoddb, 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.

**Client Requirement Fulfillment:** Fulfilled weekly client requirements based on detailed feedback from experienced reviewers, translating client needs into technical solutions.

**Business Analysis:** Engaged in business analysis to understand and translate client requirements into technical solutions aligned with industry standards.

## EDUCATION

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### Full Stack Development In MEAN STACK

2023 - present

*Brototype, Ernakulam, Kerala*

### B.TECH Civil Engineering

2018 - 2022

*KMEA Engineering College, Ernakulam, Kerala*

## SOFT SKILLS

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