

# KRISHNADAS N

MEAN Stack Developer

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## PROFILE SUMMARY

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Enthusiastic and detail-oriented MEAN Stack Developer with a strong foundation in JavaScript and modern web development technologies. Adept at building efficient and scalable web applications. Looking to leverage my skills and passion for technology to contribute to a dynamic team.

## TECHNICAL SKILLS

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**Frontend** - Angular, Tailwind CSS, NgRx, RxJS, HTML, CSS, Bootstrap, JavaScript, Angular Material, Ajax, SCSS, Angular Signals

**Backend** - Node.js, Express.js, TypeScript, REST API, Clean Architecture, JWT, EJS, gRPC

**Database** - MongoDB, PostgreSQL, MySQL, Redis

**Integrations** - NodeMailer, Zegocloud, Passport.js, Firebase Authentication, Socket.IO, Cloudinary, Stripe, Razorpay, Chart.js, Survey.js, WebRTC, Dialogflow

**Deployment** - NGINX, AWS EC2, Amazon Route 53, Vercel, GoDaddy, Hostinger, Render

**Familiar with** - Data Structures and Algorithms, Git, GitHub, Docker, OOPS, Figma, Postman, Moon Modeler, Java, JSON, jQuery, SEO, GraphQL, Jest

## PROJECTS

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MAITRI | Socio Booking System

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

Maitri is a comprehensive social media and booking platform for mental health patients, featuring Angular, Express (**TypeScript**) and **MongoDB Atlas** with functionalities for admin, doctor and patient interactions, including consultations, bookings and notifications.

- Secure Authentication and account management using Google Sign-In and **Passport.js** with **JWT** for token-based authentication.
- Real-time chat and notifications for consultations with doctors, implemented using **Socket.IO** for real-time communication.
- Video consultations with doctors utilizing **Zego Cloud** for seamless video conferencing.
- Booking system with available slots and payment options integrated using **Razorpay** for secure transactions.
- Admin dashboard with analytics and automated email notifications, implemented using **Chart.js**, **Nodemailer** and scheduled tasks using **Cron job**.
- State management with **NgRx** in the frontend for efficient data handling.
- Patients can view and interact with doctor posts, including liking, commenting and saving posts.

**Technologies Used :** Clean Architecture, Tailwind CSS, Angular, TypeScript, Node.js, Express.js, MongoDB, Socket.IO, ZegoCloud, Razorpay, Cloudinary, Cron job, Nodemailer, Chart.js, NgRx, AWS EC2, NGINX, Certbot, Docker, Angular Material, SurveyJS, Netlify, Cloudflare

FStore is an E-commerce platform specialising in the sale of gents shirts. It offers a range of features aimed at providing a seamless shopping experience for users.

- Two-Step Signup with OTP verification via **Nodemailer** and Login with Password or OTP for secure access.
- Secure Authentication using **Passport.js** with **JWT** for token-based authentication and User profile and account management implemented with **MongoDB**.
- Product listing and view functionality designed with Node.js and Express.js using **MVC Architecture**.
- Cart and wishlist management, along with discounts management for promotional offers.
- Order tracking, return and cancel functionalities designed with **AWS** for scalability and reliability, including a review and rating system using MongoDB.
- Payment Interface utilizing **Razorpay** for secure online transactions and an Admin Dashboard developed with **Node.js**, **Express.js** and **HTML** with **EJS** for dynamic content rendering.

**Technologies Used :** MVC Architecture, Node.js, Express.js, EJS, Puppeteer, EasyInvoice, Ajax, Bootstrap, Multer, MongoDB, Passport.js, Razorpay, Nodemailer, JWT, AWS EC2, NGINX, Amazon Route 53, Certbot

## MINI PROJECTS

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### User Management System

[GitHub](#)

- Built with Angular, Node.js, Express.js and MongoDB for user management.
- Provides secure access based on user roles through role-based access control.

### Note-Taker

[GitHub](#)

- Implemented Google Sign-In for secure authentication.
- Developed note management features for creating, saving, listing and deleting notes using Angular, Node.js, Express.js and MongoDB.

### Netflix Clone

[GitHub](#)

- Developed a Netflix clone using **Angular** and **TMDB API**.
- Users can browse through the list and view details for an enhanced user experience.

### To Do List

[GitHub](#)

- Created a To-Do List using Angular, allowing tasks to be added, checked and removed after completion.
- Utilized **Angular Material** for responsive and user-friendly interface components.

## EDUCATION

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### MEAN Stack Development

2023 - 2024

Brototype, Ernakulam

### BSc - Computer Science

2020 - 2023

Calicut University

- CGPA: 7.5