

# Ejas Mohammad Sufiyan

## MEAN Stack Developer

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## Summary

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Self-taught MEAN stack full-stack web developer proficient in JavaScript, MongoDB, Express, Angular and Node.js. Acquired skills through dedicated learning and project experience. Demonstrated ability to collaborate effectively within team environments to deliver high-quality web solutions.

## Skills

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- **Backend Development:** NestJS, Node.js, Express, Nginx, TypeScript
- **Frontend Development:** Angular, NgRx, HTML, CSS, Tailwind, Bootstrap, Figma, Chart.js
- **Database:** MongoDB, MySQL
- **Version Control:** Git, GitHub
- **Familiar With:** Data Structure, AWS, EC2, S3 Bucket, Testing

## Projects

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### Horizon - E-Learning Platform

[LiveLink](#) | [GitHub](#) - [Frontend](#) | [Backend](#)

Horizon is an E-learning platform, facilitates student enrollment in courses, offering a diverse range of educational opportunities. Additionally it supports real-time communication between students and tutors, fostering interactive learning experiences and personalized guidance.

- Developed an E-learning platform leveraging **Angular** and **Node.js**.
- Integrated **JWT** for authentication, **Amazon S3** bucket for video uploads/streaming and **Socket.IO** for real-time messaging.
- Utilized **PhonePe** API for payment processing, ensuring secure transactions within the platform.
- Developed features enhancing user experience and functionality, such as secure authentication, video-based learning and real-time communication.
- Hosted the platform on **AWS EC2** for backend and **Vercel** for frontend, optimizing performance with **Nginx** as a proxy server.

### PawsNClaws - E-Commerce Platform

[LiveLink](#) | [GitHub](#)

PawsNClaws is an E-commerce platform that provides pet owners with a convenient marketplace to purchase pet foods and supplies.

- Created an E-commerce platform for pet food distribution using **Node.js** and **Express** framework.
- Implemented image zooming feature using a **jQuery** plugin for enhanced user experience.
- Integrated mobile number OTP authentication via **Twilio** and email OTP authentication using **Nodemailer** for secure user verification.
- Enabled seamless payment processing through **Razorpay** for secure transactions.

- Incorporated a trie data structure to provide auto-suggestions for product searches, enhancing user navigation and experience. This implementation improves search efficiency and supports quick retrieval of suggested terms.

## MiniProjects

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### Netflix Clone

 [GitHub](#)

- Leveraged Angular framework and TMDB API for dynamic content fetching in the project.
- Implemented search functionality for efficient data retrieval and utilized Angular's built-in HTTP client module for seamless API calls.

### To Do App

 [GitHub](#)

- Created a To Do list application using Angular, employing components and services to manage tasks efficiently.
- Integrated local storage to persist task data, ensuring users can access their todo lists across sessions.

### Weather App

 [GitHub](#)

- Developed a Weather Application utilizing the OpenWeatherMap API to fetch real-time weather data for specified locations, ensuring accurate and up-to-date information for users.

## Education

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### MEAN Stack Development

*2023 - Present*

Brototype, Trivandrum

### BA History

*2019 - 2022*

Annamalai University