BIBINDAS AMBROSE

MEAN STACK DEVELOPER

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PROFILE 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, 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 and collaborating with cross-functional teams to deliver high-quality web applications.

SKILLS

Programming Languages: JavaScript, TypeScript.

Front End Development : Angular, Ngrx, RxJS, Tailwind, CSS, Bootstrap.

Back End Development: Node.js, ExpressJS, Mongoose, REST API.

Database: MongoDB, PostgreSQL.

Deployment: AWS, EC2, Nginx, Render ,Vercel.

Integrations: Cloudinary, socket.IO, Multer,Nodemailer, Razorpay, Firebase, Zegocloud.

Tools: GitHub, Figma, Postman.

Familiar With: Clean Architecture, MVC, Data Structure, JWT.

PROJECTS

TALENT TRACK | *Booking Application*   </>LiveLink | ⬤ GitHub

Talent Track is a platform designed to solve major problems in the sports field. It offers services like booking scouts and career guidance for players. Built with a **Clean Architecture** using **Typescript** for the backend and **Angular** for the frontend, Talent Track 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 **Clean 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.

- Implemented payment processing using **Razorpay** for secure and seamless transactions.

- **Cloudinary**is 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 **ZegoCloud**for delivering high-quality video conferencing experiences.

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

RUNNERS RAVE | *Ecommerce Application*   </>LiveLink | ⌂ GitHub

Runners Rave is your go-to destination for all sports products, offering a convenient online platform to purchase high-quality shoes, boots and spikes. Customers can buy sports gear, while administrators can add, update, edit and delete products.

- 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.

MINI PROJECTS

Netflix Clone   ⌂ GitHub
- 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.

LeetCode Tracker   ⌂ GitHub
- Used Next Js and Tailwind CSS in the frontEnd.
- Reducing the complexity of code Clean Architecture is used.
- Used **JWT** for Authentication and **mongoDB** as database.
- Used **Cheerio** for web scrappig.

BigShort   ⌂ GitHub
- Used Angular and Tailwind CSS in the frontEnd.
- Used mongoDB as database.
- **URL Scanner** option has been added.

EDUCATION

MEAN STACK DEVELOPMENT   2023 - Present
BROTOTYPE, ERNAKULAM

BA English Literature   2014 - 2018
MAHATMA GANDHI COLLEGE, TRIVANDRUM