JAYAKRISHNAN K

MEAN STACK DEVELOPER

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SUMMARY

Motivated and enthusiastic MEAN stack developer proficient in JavaScript, Angular, Node.js, Express.js and MongoDB. Passionate about writing maintainable code and dedicated to continuous learning. Eager to contribute to innovative projects and gain broader industrial experience in building modern web applications with talented teams.

TECHNICAL SKILLS

Programming Languages	: JavaScript, TypeScript
Frontend Technologies	: Angular, NgRx, RxJs, HTML5, CSS3, Bootstrap, Angular Material UI, EJS
Backend Technologies	: Node.js, Express.js, MongoDB, PostgreSQL, MVC, Repository Pattern
DevOps and Deployment	: Docker, CI/CD, AWS EC2, AWS S3, Nginx, Vercel, Render, Route53
Tools and Libraries	: Git, GitHub, Postman, Multer, Nodemailer, Figma
Integrations	: JWT, Google Auth, Socket.IO, Stripe, Razorpay, Firebase, Chart.js
Familiar with	: Data Structures and Algorithms, Google Cloud

PROJECTS

CareerVilla - Job Portal Application   Live Link | 🐙 GitHub - Frontend | Backend

CareerVilla is a robust job portal application designed to connect job seekers with employers seamlessly. It offers features for posting and browsing job listings, managing applications, and tracking job search progress.

- Developed a comprehensive platform utilizing **Angular, Node.js, Express.js, and MongoDB.**
- Ensured strict type handling using **TypeScript** for enhanced code integrity.
- Added user authentication and authorization for employers and employees using **JWT Token**.
- Implemented **GoogleAuth** for user login to enhance security and convenience in accessing the application.
- Followed **Repository Pattern** principles to maintain a clean and efficient codebase.
- Created **Responsive UI design** with **Angular Material**.
- Integrated **Socket.IO** to enable real-time communication features.
- Used **Nodemailer** for OTP signup and reset password.
- Used **Firebase** for image storage and management.
- Ensured code quality and consistency using **ESLint** and **Git** for version control.
- Employed **Nginx** for server configuration and management.
- Deployed the application on **AWS EC2** for backend hosting and **Vercel** for frontend deployment.

Shoes-Store - Ecommerce Application   Live Link | 🐙 GitHub

Shoes Store is a dynamic E-commerce platform specifically designed for the footwear industry. The application allows users to effortlessly explore a wide range of shoe options, catering to diverse preferences and styles. Customers can easily browse, select, and purchase their desired footwear with secure online payment methods, ensuring a seamless shopping experience.

- Developed a comprehensive platform utilizing **EJS, HTML, Node.js, Express.js, and MongoDB.**
- Added authentication and authorization by using **Sessions**.
- Created **Responsive UI design** with **Bootstrap**.
- Followed **MVC Architecture** to maintain a clean and efficient codebase.
- Images are securely uploaded using **Multer**.
- Integrated **Razorpay** for secure payment transactions.
- Used **Nodemailer** for OTP signup.
- Utilized **json2csv** for generating **CSV** sales reports for sales and inventory data analysis.
- Admin is responsible for managing products, controlling inventory, categories, banners and **coupons** for the application.
- Admin can control the overall application and has a dashboard with sales reports and **Chart.js**-powered charts, providing insights into order metrics and sales trends.
- Hosted on **AWS EC2** for robust performance and reliability.

MINI PROJECTS

- **Netflix Clone**   [Live Link](#) | ⦿ [GitHub](#)

  Developed a clone of Netflix created using **Angular** and TMDB API. Users can browse through the list and view details. The app is hosted on **Vercel**.

- **To-Do List**   ⦿ [GitHub](#)

  A To-Do list app created using **Angular**, where tasks can be added, checked and removed after completion. Utilized **Bootstrap** for responsive components.

- **User Management**   ⦿ GitHub - [Frontend](#) | [Backend](#)

  An application made with **Angular**, **Bootstrap** where users can sign up, login and upload profile photos. This app includes an admin side with CRUD permissions on users.

EDUCATION

MEAN Stack Development   2023 - Present

Brototype, Calicut

BCA - Bachelor of Computer Application   2019 - 2022

Calicut University

CGPA: 6.192