MADHAVARAJ R

Full Stack Developer (MERN)

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EXPERIENCE

Full Stack Developer Trainee

Brototype (Packapeer Academy Pvt Ltd)
2023 – 2024

EDUCATION

Bachelor of Computer Application

Hindustan College of Arts and Science Coimbatore
2020 - 2023

Higher Secondary Education

MVHSS Pudunagaram Palakkad
2018 - 2020

SKILLS

- Languages :
  Javascript | Typescript | Basic java | DSA
- Frontend :
  React.js | Redux | Next.js | Bootstrap | HTML | CSS | Tailwind CSS | Chakra UI
- Backend :
  Node.js | Express | EJS | MVC | Rest API
- Databases :
  MongoDB | Mongoose | PostgreSQL | MySQL
- Version Control :
  Git | GitHub
- Cloud Services and Web Server :
  AWS | Firebase | Nginx
- Other Tools and Technologies :
  Postman | Figma

MINI PROJECTS

- **Tic Tac Toe**   LIVE | GITHUB

  A simple and interactive Tic Tac Toe game built with React.js.
- **Task Manger**   LIVE | GITHUB

  An elegant Task Manager built with React.js and Tailwind CSS for smooth, intuitive task organization
- **U M S**   LIVE | GITHUB

  A user management system built with React.js, Tailwind CSS, and Firebase for efficient user handling and a sleek, responsive interface.

SUMMARY

A dynamic BCA graduate with a strong focus on web development and web technologies, with expertise in building scalable web applications using the MERN Stack. Passionate about problem solving and committed to writing readable and maintainable code.

PROJECTS

SMART STORE | E-commerce application
LIVE | DEMO | GITHUB

- **EJS (Embedded Javascript)** for efficient templating and server side rendering.
- **Node.js** with **Express** for seamless server-side routing and middleware.
- **MVC** Architecture for efficient backend structure
- **MongoDB** for secure and scalable data storage
- **Bootstrap** for a polished front-end design
- Authentication and Authorization using **Session** and **Cookies**
- **Razorpay** and **Paypal** integration
- User Login using OTP through **Nodemailer**
- Hosted on **AWS EC2** with **Nginx** as reverse proxy for optimal performance

CHATIFY | Chat application
LIVE | DEMO | GITHUB

- **React** with **TypeScript** for building the front-end interface
- **Chakra UI** for modern and responsive UI components
- **Node.js** with **Express** for the back-end server
- **Socket.io** for real-time messaging functionality
- **MongoDB** for secure and scalable data storage
- **Authentication** and **Authorization** using **JWT**
- **MVC Architecture** for efficient backend structure
- **Typescript** for type safety and better development experience

CLONE | Netflix Clone
LIVE | DEMO | GITHUB

- Leveraging **React.js** with Vite for fast and efficient front-end development.Implemented
- Fetching film details from the **TMDB API** to display a rich catalog of movies and TV shows.
- Implementing secure user authentication using **Firebase** for a seamless login experience.
- Ensuring a polished and responsive front-end design using **Tailwind CSS**.