Akhil S Poovathinkal

MERN Stack Developer

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PROFILE

Passionate Full Stack MERN developer with a strong focus on Node.js development. Gained extensive knowledge in building robust and scalable applications. Committed to delivering high-quality code and continuously learning new technologies.

PROJECTS

CODERS HOUSE   React JS| Express JS | MongoDB | Webrtc

A real-time collaborative coding platform with virtual rooms, audio chat, and more for developers to code together.

- User authorization and authentication using **JWT**.
- OTP verification using **Twilio** OTP services.
- **Socket.IO** used to develop personal and group chat
- Code editors implemented using **CodeMirror** library
- **Webrtc** is used for audio chatting and audio rooms
- UI designed using **Chakra-UI**.
- Employed **Docker-Compose** for deploying the project on **AWS EC2**.
- Separate admin panel for managing users.
  Live link: CodersHouse
  Source code: Github

SHOP CAKES   Node JS | MongoDB | Express JS | HBS

A feature-rich online cake-selling platform with user accounts, secure purchases, and efficient management tools.

- Developed interactive user interface with responsive design custom admin panel with chart & graph using **Chart.js**, product, and order management.
- **HBS** is being used as the templating engine for server-side rendering.
- Cart management, Wallets, offers, coupons, and referrals.
- Used **Ajax** for enhanced user experience.
- Built a payment system using **Razorpay** and **PayPal** APIs, along with Cash on Delivery (COD) as an option for users to choose their preferred payment method.
- Used **Twilio** for OTP login.
- Implemented image cropping and multiple image upload support.
- Deployed the project on **AWS EC2**.
  Live link: shopcakes
  Source code: Github

MINI PROJECTS

NETFLIX CLONE   React JS | TMDb API

- Designed reusable components.
- Used TMDb API to display movies dynamically.
  Source code: Github

GITHUB FINDER   React JS | Express JS | GraphQl

- Search users using the email address, login name, and username.
- Error pop-ups and loading animation.
  Source code : Github

SKILLS

Proficient:

- Node JS
- React JS
- MongoDB
- JavaScript
- HTML5
- Chakra UI
- Redux Toolkit
- Express JS
- Git & Github
- CSS
- Mongoose
- Docker-Compose

Familiar:

- SQL
- GraphQl
- NGINX
- Firebase
- Tailwind
- AWS
- Postman
- Figma
- Java

EDUCATION

MERN Stack Development
Brototype
July 2022 - Present

B.Com
Calicut University
September 2019 - March 2022