SALMANUL FARIS C

MERN Stack Developer

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PROFILE SUMMARY

A self taught MERN stack developer who is passionate about coding and problem solving, Prioritizes in crafting clean and efficient code while continuously seeking opportunity to expand knowledge and stay updated with emerging technologies.

PROJECTS

CodeWizard -E-Learning Platform ○ GitHub 🔗 Live Link

An e-learning platform tailored for coding-related courses, where students can select courses based on reviews and share their experiences as blogs, enabling them to clarify doubts directly with the teachers. It's more than just learning to code, it's a pathway to building a successful career in tech.

- Developed with **React**, **Node.js**, **Express**, **MongoDB** and State Management with **Redux**.
- Implemented **JWT** and real-time chat with **Socket.IO**.
- **BullMQ** facilitates concurrent video uploading by efficiently assigning dedicated workers to handle multiple tasks concurrently.
- Employed **Tailwind CSS** for an attractive interface, **RESTful API** for smooth integration, **Cloudinary** and **AWS S3 Bucket** for storing media.
- Implemented video uploading and compression using **FFmpeg**.
- The application utilizes the **React DnD** library for implementing chapter drag and drop functionality, enhancing user experience and interaction.
- The application is linked with **Stripe** for managing online payments, offering users a dependable and secure platform for handling transactions.
- The backend of the application is hosted on **AWS EC2**, leveraging its scalable infrastructure, while the frontend is deployed on **Netlify** for smooth deployment and management. **Nginx** acts as a proxy, effectively handling traffic between the backend and frontend, enhancing performance and responsiveness.

Technologies Used: Node.js, Express.js, React.js, Redux, MongoDB, AWS S3 Bucket, Cloudinary, Stripe, Google Auth, Socket.io, BullMQ, Redis, Tailwind CSS, Git

WizzTech - E-Commerce Platform ○ GitHub 🔗 Live Link

An E-commerce platform specializing in the sale of electronic items, offering various features such as product banners, user profiles, image zoom functionality, shopping cart, wishlist and digital wallet. Additional features encompass live blocking, discount coupons, detailed sales reports and an administrative dashboard with dynamic graph representations.

- Established Wizztech, specializing in the sale of electronic items, using **MongoDB, Express.js, EJS** and **Node.js**.
- Implemented advanced features such as product filtering, cart management, coupon application, wishlist functionality, order tracking and management.
- Integrated **Nodemailer**, a Node.js module to streamline email communication within the project.
- Developed a user wallet system and incorporated **Cloudinary** for efficient media storage.
- Enabled **Razorpay** integration to facilitate smooth online payment processing, ensuring secure and hassle-free transactions for users.
- Deployed the application on an **AWS EC2** instance, leveraging the robust infrastructure of Amazon Web Services for reliable and scalable performance.