Remin T Roy

MERN Stack Developer

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LinkedIn | GitHub | Personal website | Blogs

PROFILE SUMMARY

Self-taught **MERN** stack developer driven by a passion for coding and building web applications and skilled in all aspects of the development and deployment process, from designing and implementing features to testing and troubleshooting. Commitment to continuous learning and staying up-to-date with the latest developments. Eager to take on new challenges and excel in any development role.

PROJECTS

Dynotxt - Blogging platform   Live | GitHub

Dynotxt is a blogging platform where users can create, view and update blogs and their analytics. This is a community-based application where interaction is through blogs and follows. Notifications and Email services were implemented to enhance user experience.

- Using this platform users can add blogs and documentation, which helps to share knowledge.
- Used **React** library for the front end.
- The application uses a **Rich text editor** which is implemented using **Quill**.
- **Microservice** and **Docker** are used to increase scalability and are highly reachability.
- **Clean Architecture** is used in the backend to ensure flexibility and isolation of dependencies.
- Uses **Firebase** as the authentication provider. Uses **JWT**(JSON Web Tokens).
- Services and frameworks used: **Node.js**, **TypeScript**, **Express**, **Socket.IO**, **Redux**, **MongoDB**, **RabbitMQ**, **Docker**, **Clean Architecture**, **Microservices**, **Firebase**, **Sass**, **Nodemailer, JWT**

Nester- E-Commerce   Live | GitHub

Developed and designed a fully functional E-Commerce website. This integrated solution empowers vendors to efficiently manage their products, inventory, and orders while ensuring a seamless shopping experience for customers.

- E-Commerce website using **Node.js**
- Implemented **RESTful APIs** and Designed **wallets**, **offers**, and **coupons**.
- Integrated secure payment gateways: **Razorpay, PayPal,** and Cash on Delivery (COD).
- Followed **MVC** architecture and created admin-side interfaces for various management tasks.
- Uses **Firebase** for authentication. **Session** and **Cookie** for persisting user login state.
- Utilized **Git** for version control and **EJS** (Templating Engine) for front-end development. Dynamic routing using **Express.**
- Hosted in **EC2** (AWS). User **Cloudflare** as **DNS** and **nameserver**.

MINI PROJECTS

OLX Clone [GitHub](#)

- Used **Firebase** Firestore for backend and data storage.

- Added product listing helps Users can easily add products with images for listing products.

Netflix React Clone [GitHub](#)

- Utilizes React framework and **TMDB** API for dynamic content fetching.

- Used **Axios** module for seamless API calls.

Fifteen puzzles using React [Live](#) | [GitHub](#)

- Interactive game using **React** and **Redux** to manage the game state.

Quiz-game using Node.js [GitHub](#)

- Quiz game with levels to unlock and all questions are validated on the server side

QR code Generator & **Url Shortener** [GitHub](#)

- Uses **qrcode.react** for QR code generation and **shrtco.de** for URL shortening

Static web pages using HTML, CSS, and JavaScript [GitHub](#)

Other projects [GitHub](#)

SKILLS

Frontend Development - React, Tailwind CSS, Material UI, Mantine UI, Bootstrap, SCSS (Sass), Handlebars (hbs), EJS (Embedded JavaScript), React-Redux, Redux-Toolkit

Backend Development - Node.js, Express, Mongoose, REST API, TypeScript, JavaScript, RabbitMQ, Clean Architecture

Database and Storage - MongoDB, Firestore, S3 Bucket (AWS)

Integrations - PayPal, Razorpay, Quill, Nodemailer, Multer, Socket.IO

Deployment - Docker, NGINX, AWS EC2, Route 53 (R53), Cloudflare, Firebase, GitHub Pages, Kubernetes

Tools - Git, GitHub, GitHub Actions, Postman, Figma, Canva, Notion, npm

Education

MERN Stack Development (2022 - Present)

Brototype, Kochi

Higher Secondary (2020 - 2022)

GVHSS Agali, Attappadi, Palakkad

Self Declaration

I hereby declare that all the information furnished above is true and correct to the best of my knowledge

- Remin T Roy