

NIKHIL SCARIA

MERN Stack Developer

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [Personal-Website](#)

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

E-Learning Platform

[GitHub](#) | [Live](#)

Halo-Doc is an online Doctor Consultancy Platform with real-time chat using Socket.IO and seamless video calling functionality. The platform is designed to offer a seamless and secure experience to both doctors and patients, making remote healthcare accessible to everyone.

- Developed With **React, Node.js, Express, MongoDB, and mongoose**, and State Management with **Redux**
- Implemented **JWT** Authentication, Google Login and Signup
- Implemented Realtime Chatting functionality with **Socket.IO** and Integrated **Youtube Intergration** for video resources functionality.
- Build admin-side interfaces for administrator, advisor and team lead. Hosted the application in **AWS (EC2)** and **Cloudflare**.

Technologies Used- Express, React, mongoose, AWS, Redux, JWT, Socket.IO, Google Auth API, Bootstrap CSS, ESLint, JavaScript, Node.js, NGINX

E-Commerce Application

[GitHub](#) | [Live](#)

DigitalTech is an e-commerce website allowing customers to browse and purchase products online. The application features a user-friendly interface, Secure payment system. Customers can create accounts, track their order status etc.

- Developed an e-commerce platform with user-friendly interfaces and the majority of functionalities like product view, cart, address management, and coupon management.
- Implemented **RESTful APIs** for seamless communication between frontend and backend.
- Integrated secure payment gateways: **Razorpay**, and Cash on Delivery (COD) methods.
- Utilized **Git** for version control and **HBS** (Templating Engine) for front-end development.

- Followed **MVC architecture** and created admin-side interfaces for various management tasks.
- Hosted the application on **AWS** using **EC2** and **Cloudflare** for domain management.

Technologies Used - Express, Node.js, mongoose, HBS, JavaScript, MongoDB, Bootstrap, SMTP, Razorpay, AWS, NGINX

MINI PROJECTS

Online Translator

[GitHub](#) | [Live](#)

- Allows users to translate text from one language to another, enhancing cross-cultural communication.
- Implemented a feature to generate downloadable PDF files of translated text, providing users with a convenient way to save and share their translations
- Incorporated a voice search functionality, enabling users to input text through voice commands for a more intuitive and hands-free experience

ChatApp

[GitHub](#)

- Used MongoDB for backend and data storage.
- Implemented Socket.IO for Chat Functionality.

TODO App

[GitHub](#)

- Utilize React for seamless user experience.
- Instant notification and timer centric

EcoWorld

[GitHub](#)

- Utilizes React library for Image Gallery.
- Public resources of various Animals and Birds.

SKILLS

Programming Languages and Frameworks

- **Frontend Development** - React, CSS, Material UI, Bootstrap, SCSS (Sass), Handlebars (hbs), EJS (Embedded JavaScript), React-Redux, Redux-Toolkit
- **Backend Development** - Node.js, Express, Mongoose, REST API, JavaScript
- **Database** – MongoDB, Atlas, Firebase
- **Integrations** - Razorpay, Nodemailer, Multer, Socket.IO, S3
- **Deployment** - NGINX, AWS EC2, Cloudflare, Vercel, Hostinger
- **Data Structure** - Linked List, Searching, Sorting, Stack, Queue, BST, Tree, Trie, Graph
- **Tools** - Git, Postman, Figma, Canva

EDUCATION

- **Bachelor of Computer Application** Amity
Online, Noida (2024 - Present)
- **Mern Stack Development** Brototype,
Kochi (2023 - Present)
- **Higher Secondary (Computer Science)**
MES Higher Secondary School, Thrikkakara (2020 - 2022)