

MERN STACK DEVELOPER

A self-taught **MERN Stack Developer** with experience in building complex and scalable web applications. Love to explore new technologies and take on challenges to enhance problem-solving skills and technical understanding. Enthusiastic about providing constructive feedback to peers, and fostering collaborative and growth-oriented teamwork.

TECHNICAL SKILLS

- **Front-End:** React.js, Next.js, TypeScript, JavaScript, Redux, Tailwind CSS, Bootstrap, HTML, CSS, Figma(design tool), Responsive Web Design
- **Back-End:** Node.js, Express.js, MongoDB, PostgreSQL, Mongoose, RESTful API, MVC Architecture, EJS, Node.js Repository pattern, Object-Oriented Programming (OOP), Server-Side Rendering (SSR), Git, Postman
- **Data structure:** Linked List, Searching, Sorting, Stack, Queue, HashMap, Tree, Trie, Graph
- **Familiar:** Socket.IO, AWS (Amazon Web Services), Three.js, Framer-Motion, Material UI, Chakra UI, Netlify, Firebase, Render, EC2, R53, NGINX, Webpack

PROJECTS

RESORT BOOKING

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

Developed a cutting-edge resort booking web application, featuring a user-friendly interface that allows users to effortlessly book rooms from a diverse selection of resorts which offers a wide range of room types and packages to cater to individual preferences. The application efficiently manages multiple resorts, each with its assigned managers.

Features:-

- **Room Packages** with unique benefits for user preferences.
- **Points System** that rewards users for bookings and can be redeemed in future reservations.
- **Membership loyalty scheme** which offers exclusive benefits for the users.
- **Wishlist** for saving preferred dates for future bookings effortlessly.
- **Razorpay** payment gateway for a safe and seamless payment experience.
- **Manager-side Management** for managing gallery, users, rooms, FAQs
- **Admin-side Management** for managing managers, Resorts, etc.

Technologies used:-

- Used **React.js** with **Redux Toolkit** in the front-end which uses **TypeScript** for type checks.
- Utilized **Node.js** with **Express.js** for back-end which follows the **Node.js Repository pattern** using **OOPs** paradigm with **TypeScript**. Used **MongoDB** with **Mongoose** as the database.
- Used **Tailwind CSS** which leverages **Material UI** and **Flowbite** for responsive design.
- Implemented **Twilio** OTP verification and **JWT** authorization and follows **REST API**.
- Used **Chart.js** for displaying fully-fledged dashboards for admin and manager.
- Deployed the project on **AWS**, utilizing an **EC2 instance** managed by **NGINX**.

E-COMMERCE APPLICATION

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

A dynamic and user-friendly shoe e-commerce application that offers an extensive range of footwear options for both men and women. The platform aims to simplify the shopping experience with its comprehensive search and filter functionality for users.

Features:-

- **Search sort filter** functionality for effortless discovery.
- **Reviews and Ratings** for expressing user feedback on the product.
- **Wishlist** for adding selected shoes for future purchase consideration.
- **Cart and Checkout** for adding shoes and proceeding to a secure checkout process.
- **Coupon** feature allows users to apply discounts to the total payable amount.
- **Paypal** payment gateway for a safe and seamless payment experience.
- **Admin-side management** for banners, invoices, users, products, coupons, and orders.

Technologies used:-

- Utilized **Node.js** with **Express.js** and **EJS**, following the **MVC Architecture** and **REST API**.
- Used **MongoDB** which leverages **Mongoose** as the database.
- Implemented **Nodemailer** OTP verification and **session and cookies** for authorization.
- Deployed the project on **AWS**, utilizing an **EC2 instance** and **Route53**.

MINI PROJECTS

CHAT APPLICATION

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

Project with **one-on-one** and **group chat**. **Notification** for new messages and much more.

Technologies used:- React.js | Node.js | Express.js | MongoDB | Socket.io | Chakra UI

DRESS CUSTOMIZER

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

Customize your shirt in 3D space using a custom-made logo, color gradient, and color picker.

Technologies used:- Three.js | Framer Motion | Valtio | Unsplash API | Tailwind CSS

CLEAR SKI

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

An ultimate weather forecasting web app leveraging **OpenWeather API** and **GeoDB Cities API**.

Technologies used:- React.js | Node.js | Express.js | MongoDB | Socket.IO | Tailwind CSS

NETFLIX CLONE

[GitHub](#)

A post-login Netflix clone that showcases a collection of movies with its trailer using **TMDB API**.

Technologies used:- React.js | TypeScript | Luxon | React-Select-Async-Paginate | Tailwind CSS

EDUCATION

MERN Stack Development

(2022 - Present)

Brototype, Calicut

BSc Statistics

(2019 - 2022)

Calicut University

CGPA - 6.192

CERTIFICATIONS

- Modern React with Redux [2023 Update] (Udemy) [View](#)
- JavaScript Algorithms and Data Structures Masterclass (Udemy) [View](#)