UJUAL K

FULL STACK DEVELOPER

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PROFILE SUMMARY

Dedicated and enthusiastic MERN Stack developer, always eager to push the boundaries of what's possible in web development and contribute expertise to create remarkable digital experiences. Driven by a strong passion for solving complex problems and a quick learner.

PROJECT

SPORTOPIA - TURF BOOKING PLATFORM

Live Link   GitHub-**Backend** | **Frontend**

Designed and developed an online turf booking platform that enables real-time booking and seamless communication. Implemented group chat functionality for live interactions among users. Integrated location tracking and dynamic map features to enhance the user experience, making it a comprehensive and user-friendly turf booking system.

- Turf Admins were empowered to register and manage turf facilities, ensuring efficient operation of their businesses.
- Location-based turf search capabilities were integrated, allowing users to find nearby turfs with distance calculation.
- Utilizing the **Mapbox API**, we provided users with a visually intuitive map interface to explore turf locations.
- Implemented **JWT** Authentication, Google Login with Firebase, and secure payment gateway integration with Stripe.
- The platform supported the creation of user communities known as clubs, where members could engage in group chats using **Socket.IO**.
- Club administrators could organize and manage tournaments for their club members.
- Super Admin can manage both Turf Admin and User roles, ensuring smooth operations and resolving any issues as needed.

Technologies Used - Express.js, React.js, mongoose, AWS, Redux, JWT, Socket.IO, Cloudinary, Stripe, CSS, Tailwind CSS, Mapbox API, Node.js, NGINX, Multer, Nodemailer, Axios, Firebase

STARBOY - E COMMERCE WEBSITE

Live Link   **GitHub**

Starboy is a men's fashion-focused e-commerce platform that features a secure payment system, as well as the ability to create accounts and track orders for customers. This position demanded collaborative efforts to deliver a seamless shopping experience tailored to the target audience.

- Developed 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**, Cash on Delivery (COD) methods and Wallet feature.
- Utilized Git for version control and **EJS** (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.

Technologies Used - Express.js, Node.js, mongoose, EJS, JavaScript, MongoDB, Bootstrap, Twilio, AWS, Razorpay, NGINX, Multer, Nodemailer, Sharp, Magic Zoom

MINI PROJECTS

Weather Application   GitHub

- Created a weather application that provided users with up-to-date weather information. This application harnessed the power of the OpenWeatherMap API for comprehensive global weather data.
- Additionally, it leveraged the **Mapbox API** to offer location-based weather forecasts, enhancing the user experience.

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.

User Management Website   GitHub-Backend | Frontend

- Developed a user management website utilizing React, MongoDB, Express and **Redux**.
- Implemented user authentication with login and sign-up features.
- Enabled users to create and edit profiles, including the ability to upload profile photos.
- Admin functionality for creating, editing, and managing user accounts.
- Integrated search capabilities to enhance user navigation and convenience.
- Demonstrated proficiency in React and database management, ensuring a user-friendly and efficient system.

SKILLS

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

Frontend Development - React.js, Bootstrap, CSS, HTML, Tailwind CSS, EJS, HBS, Redux-Toolkit React-Redux

Database - MongoDB, Firestore, PostgreSQL

Integrations - Socket IO, Nodemailer, Razorpay, Stripe, Cloudinary, Multer, Twilio, Mapbox, Firebase

Deployment - GitHub, AWS, Vercel, Netlify, NGINX

Familiar with - Figma, Git, Canva, Data Structures and Algorithms

EDUCATION

MERN Stack Development   **2022 - Present**

Brototype, Calicut

B.Tech (Chemical Engineering)   **2017 - 2021**

Government Engineering College, Calicut
CGPA - 6.98