Anirudh PV

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SUMMARY:

Full-stack developer with expertise in the MERN stack, building scalable, real-world applications. Proficient in front-end and back-end development, with a focus on performance, security, and user experience.

TECHNICAL SKILLS:

- **Backend:** Node.js, Express.js, MongoDB, PostgreSQL, MySQL, Redis, REST APIs, JWT Authentication, Multer, Winston, Razorpay, Strip, OAuth 2.0, Joi, Nodemailer, Twilio, Socket.io, Cloudinary, Firebase, Appwrite
- **Frontend:** React.js, Redux, Formik, Tailwind, React Query, Yup, Bootstrap, Shadcn/ui, Materialise, Daisyui, Socket.io, Figma
- **DevOps:** Git, Docker, Kubernetes, AWS, Jenkins, Ansible
- **Languages:** Javascript, Typescript, JAVA, C, C++, C#

PROJECTS:

ChatFlux - A Full-Stack Real-Time Messaging, Audio, and Video Calling Application

- **Real-Time Communication**: Enabled instant text, audio, video, and file sharing using Socket.io for real-time updates.
- **Audio & Video Recording**: Integrated functionality to record and send audio and video messages seamlessly.
- **Audio & Video Calls**: Implemented peer-to-peer audio and video calling using WebRTC.
- **Message Management**: Features for replying, deleting, and managing messages in one-on-one and group chats.
- **Group Chats**: Developed group chat functionality, allowing users to create and manage conversations in real time.
- **Authentication & Authorization**: Secured the app with JWT-based authentication, Email OTP verification, and OAuth 2.0 integration using Google and GitHub (via Passport.js).

  Git repo:- https://github.com/AnirudhPV123/ChatFlux.git

- **Tech Stack**: TypeScript, Node.js, Express.js, MongoDB, Redis, React.js, Redux, Socket.io, WebRTC, DaisyUI, Tailwind CSS, Passport.js, JWT, Winston, Cloudinary, MediaRecorder API, Joi, Yup, Nodemailer

Tours And Travels - A Full-Stack Application for Seamless Tour Management and Booking

- **User Authentication:** Implemented secure user authentication using JWT for login, signup, and session management, ensuring data protection and user privacy.
- **Payment Processing:** Integrated Razorpay for secure payment processing during tour bookings, allowing users to easily pay for services within the app.
- **Backend Management:** Managed backend operations with Express.js and MongoDB, ensuring efficient data handling for tours and bookings.
- **Responsive User Interface:** Designed and implemented a modern, responsive user interface that enhances user experience across devices.
- **Admin Interface**: Developed a dedicated admin interface for adding, editing, and deleting tours, as well as viewing booking statuses.
- **Tour Management**: Features for creating, viewing, and managing tour packages and bookings for users.

- **Sub-Admin Management**: Allowed the admin to add and remove sub-admins for effective management of the application.

  Git repo   : - https://github.com/AnirudhPV123/Tours-and-Travels-1
  Preview   : - https://kvatravels.netlify.app

- **Tech Stack:** Node.js, Express.js, MongoDB, React.js, Axios, Razorpay, JWT

SneakEase – A Full-Stack E-Commerce Shoe Website (Ongoing Project)
- **Project Leadership:** Leading the development of SneakEase, an e-commerce platform focused on shoe sales.
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- **Engaging Frontend Design:** Designed an intuitive and engaging frontend using Figma, prioritizing dynamic navigation and user experience.
- **User Authentication & Authorization:** Developing versatile authentication features, including login and signup options with support for various methods such as Google, Facebook, GitHub, mobile number/OTP, and email.
- **Advanced Search & Filtering:** Integrating advanced search and filtering options to enhance personalized shopping experiences for users.
- **Booking System:** Building a robust booking system and incorporating multiple payment gateways, including Razorpay, PayPal, and Stripe.
- **Cart & Order Management:** Creating a comprehensive cart and order management system with real-time updates for users.

EDUCATION:
- **Mahatma Gandhi Govt Arts College** | Bachelor's Degree in Computer Application| 2023 - present; actively pursuing self-directed learning and practical experience
- **Excel Public School** | Higher Secondary | 2021 - 2023
- **Jawahar Navodaya Vidyalaya** | High School | 2016 - 2021