Prakhar Agarwal

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Contact: +91-6394102248
Location: Manipal, Udupi
Portfolio— GitHub

SKILLS

Frameworks & Libraries: React, React Native, Next.js, Node.js, Bootstrap

Programming Languages: Java, C, C++, JavaScript, Python

Database Management: MongoDB, Firebase, Mongoose, SQL

Web Technologies: HTML, CSS, Tailwind CSS

Developer Tools: Git, VS Code, GitHub, Vim

PROJECTS

Gate Keeper – Apartment Visitor Entry System (React Native)
Developed a mobile app in React Native (Expo) that streamlines apartment visitor approvals. Security guards can submit visitor details, which are instantly sent to respective apartment owners. Owners receive real-time alerts and can approve or deny entry with a single tap. The system ensures seamless communication and live status updates, improving residential security and visitor management efficiency. Designed with a clean, intuitive UI and powered by a robust Node.js backend with real-time updates and secure authentication.

GetMeChai – Creator Donation Platform
Created a Patreon-style web app where users can donate anonymously to their favorite creators. Built using the MERN stack and integrated with Razorpay for secure payments. Users can visit a creator's page, enter any amount, and donate without logging in. Includes creator dashboards, donation logs, and responsive design for accessibility across devices. Emphasized privacy, ease of use, and fast payment processing to support independent creators.

Auction Hub – Real-Time Auction Hosting Platform
User Registration, Login, Real-Time Bidding, Auction Creation, Live Bid Updates, Secure Authentication, Role-Based Access, Bid History, Notification System, Responsive UI, Web Sockets Integration, Admin Dashboard, Auction Moderation, Bid Cancellation, Data Persistence, Error Handling, Concurrency Management, User Feedback System, Sorting & Filtering, User Profiles.

Get Meet – Real time video calling website
Built a real-time video chat application using WebRTC for media streaming and Socket.io for signaling and room management. Designed a responsive UI with HTML, CSS, and JavaScript. Enabled users to enter rooms, initiate calls, and accept incoming calls, ensuring smooth peer-to-peer communication. Implemented efficient connection handling, signaling through Web Sockets, and minimal latency for enhanced user experience.

CERTIFICATIONS
- Machine Learning Specialization by IBM Technologies
- Big Data Specialization by UC San Diago
- Generative AI by Google Clouds

EDUCATION
Bachelor of Technology in Computer and Communication Technology September 2022 - Present Manipal Institute of Technology, Manipal
Higher Secondary Education April 2008 - March 2021 Dr Virendra Swarup Public School Kanpur

LANGUAGE PROFICIENCY
English: Fluent
Hindi: Native Speaker