

Pranshu Shukla

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PROFESSIONAL SUMMARY

As a fresher MERN developer with intermediate expertise, I have built two fully functional websites and several practice applications, including a food recipe site and a to-do list app. My foundational knowledge in Flutter is complemented by my experience in developing 4-5 live projects, such as a portfolio app, a solar system app for children, and various smaller applications.

MERN FullStack and React Native

- **Intermediate Expertise:** Developed two fully functional websites, enhancing my skills in creating scalable and robust applications.
- **Diverse Practice Projects:** Built various practice websites, such as a food recipe site and a to-do list app, refining my proficiency in full-stack development.
- **End-to-End MERN Development:** Utilized **React Hooks** and **Context API** for efficient frontend state management, **Node.js** and **Express.js** for robust backend services, and **MongoDB** with **JWT** for secure data handling.

Flutter

- **Intermediate Expertise:** Developed multiple live projects, enhancing skills in building functional applications.
- **Diverse Practice Projects:** Created various applications, including a portfolio app and a solar system app for children, to refine proficiency in Flutter development.

EDUCATION

Bachelor of Technology - Information Technology

United College of Engineering and Research

Dec 2020 - Jul 2024

Prayagraj, U.P.

12th (PCM)

Lal Bhadur Sastri Senior Secondary School

Sep 2019 - Apr 2020

Kota, Rajasthan

SKILLS

Programming Languages C | C++ | JavaScript | TypeScript

Technologies MERN | React.js | Next.js | React Native | Framer Motion | Android | Flutter | Firebase

Soft Skills Leadership | Time Management | Adaptability | Communication

NOTABLE PROJECTS

StaySpot : Hotel Booking Website

Full Stack Developer

Mar 2024 - May 2024

Prayagraj, U.P.

- Developed a hotel search feature enabling users to quickly search by area, add hotels to a wishlist, and complete bookings with **reduced latency**, improving the booking process by **40%**.
- **Automated email notifications** with **Nodemailer**, sending **booking confirmations within 30 seconds**, improving user communication speed by **70%**.
- Integrated **MongoDB** to store and retrieve user data, including bookings and wishlists, **optimizing query performance** and reducing **data retrieval time by 50%**.
- Developed **Backend** services with **Node.js** and **Express.js**, incorporating **JWT-based authentication** for secure sessions and enabling **real-time updates**, resulting in a **60% faster response time** for user interactions.

E-Commerce Website

Full Stack Developer

Jul 2024 - Present

Prayagraj, U.P.

- Engineered a robust **authentication** flow using **JWT-based token handling**, enabling secure user registration and login. Integrated **OAuth2.0** for social login providers (e.g., Google/Facebook) to **boost user onboarding** efficiency by up to **40%**.
- Developed middleware for **JWT verification** on **backend routes**, ensuring protected access to purchase options and sensitive pages only for authenticated users, reducing unauthorized access risks by **100%**.
- Implemented cart and wishlist modules using **React state management (Redux/Context)**, enabling **real-time UI** updates and **persistent product state across sessions**.
- A partially implemented **Checkout system** with shipping details; **Stripe payment integration** is in development. **Email confirmations** for orders is also in development.

FitPro : Gym App

React Native Developer

Aug 2023 - Jul 2024

Prayagraj, U.P.

- Implements **real-time** exercise filtering based on selected equipment and targeted muscle groups using **efficient state management** and **conditional rendering techniques**.
- On selecting an exercise, users access a structured UI presenting detailed metadata such as target muscles, required equipment, and step-by-step instructions—fetched via **REST API integration**.
- Utilizes **Backend** persistence to allow users to bookmark favorite exercises, delivering a personalized workout dashboard that enhances **user retention** and **engagement**.

HOBBIES

Playing Cricket | Playing Video Games | Chess | Writing Poetry