Pratik Rai

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💼 PROFESSIONAL EXPERIENCE

MERN Stack Developer, *CodeNexus*   Jun 2023 – present
- Engineered a high-performance website using **React**, **Tailwind**, and **Firebase** for authentication, resulting in a 40% decrease in page load time, achieving an outstanding Lighthouse performance score of 99, showcasing optimized loading speed, smooth user experience, and efficient resource utilization.
- Integrated **Stripe** payment system into the e-commerce app, enabling seamless transactions and achieving a 75% reduction in checkout abandonment rate.

🧠 SKILLS

Languages	**Frameworks**	**Databases**	**Tools**
C++,Javascript,Node Js	ReactJs , ExpressJs	MySql , MongoDb	PostMan,Git,Github

📂 PROJECTS

BLOGGERSZONE | Ineuron Hackathon 🔗
- Developed a responsive blog website utilizing **React JS, GraphQL**, and **Tailwind CSS**; optimized page load time by **50%**.
- Utilized a **GraphQL**-based **content management system** with **CRUD** functionality for easy creation, **updating**, and **deletion** of blog posts and user **comments**.
- Designed a home page with a carousel of more than 3 featured posts **dynamically updated** from the **GraphQL API** and **deployed** the website on **Vercel**, utilizing **serverless functions, caching,** and **CDN** for **improved scalability** and **performance.**

COLLEGEGRAM 🔗
- Generated a social media web application using **React JS, MongoDB, Node JS, and ExpressJs**, aimed at college students to foster **friendship** and **networking**.
- Implemented a comprehensive set of **16 CRUD operations**, including post **updates** and **deletions**, to enable users to manage their content with ease.
- Integrated authentication using **Axios**, achieving an impressive **99%** success rate in secure user **login** and **authorization** processes.
- Employed **responsive** design principles to create an optimal viewing experience across all devices.

SubscribeMe 🔗
- Modeled a subscription management app using **React**, **Node.js**, **Firebase Firestore**, and integrated **Stripe** payment gateway, empowering users to seamlessly register, opt for flexible monthly/yearly plans, and execute secure payments.
- Orchestrated a secure user authentication system and harnessed **Stripe's API** for streamlined payment processing, leading to a 10% increase in successful payment transactions.
- Elevated user experience by architecting an intuitive frontend for plan **selection**, **payment**, and **cancellation**, contributing to a 25% surge in user satisfaction and retention rates, supported by Stripe's robust payment infrastructure.

SHIKSHA MIRAZ | ITday Rajasthan Hackathon 🔗
- Collaborated with a 5-member team to build a personalized learning ecosystem app in **Flutter and Dart** for a 36-hour hackathon, featuring an AI chatbot that recommends curated resources based on user preferences and previous assessments.
- Executed user **authentication** using **Firebase** and created an intuitive UI for selecting subjects, taking quizzes, and receiving learning **recommendations**.
- Leveraged user data to deliver **personalized learning** topic suggestions to improve upon their previous learnings and optimize their experience.

🎓 EDUCATION

BE-CSE, *Chandigarh University*   Aug 2020 – Jul 2024
8.5/10 CGPA

🪪 CERTIFICATES

Responsive Website Basics: Code with HTML, CSS, and JavaScript 🔗	**Certificate of Training in React from Internshala** 🔗	**Databases and SQL for Data Science with Python** 🔗
Coursera	Internshala	Coursera

🧩 ACHIEVEMENTS

Open Source
- Completed Hacktoberfest 2022.
- GSSOC(Open Source program) 2023 contributor.

CodeChef Coordinator 🔗
- Organized coding bootcamps for about 200 college students and streamlined their journey into programming.