

Rohit Thakur

Software Engineer

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🧠 Skills

- React JS
- CSS
- React Native
- HTML
- Next JS
- Firebase
- JavaScript
- Typescript

📁 Work Experience

GTx Technologies, SDE-2

1. Web Application:

- **Idea:** Turning Practical Problem into Game Changing Digital Business and Products.
- **Products:** Multiplayer Game Web application, Fintech Web App, Fitness Web App, Flight Travel Web App, Crypto Web App.
- **Stack:** Javascript, React JS, Typescript, Next JS, CSS, Firebase.
- **Features:**

a. Multiplayer Game Web Application:

1. **Developed and implemented** the entire frontend for a multiplayer game web application from scratch using ReactJs, enabling companies to conduct team-building exercises through interactive, engaging games.
2. **Designed and integrated** an admin interface for creating custom games, generating access codes and managing participant access, ensuring a seamless user experience for administration and participants.
3. **Built a secure participant entry system** that validates access code and game timing, allowing only authorized users to join games, enhancing user privacy and engagement.
4. **Established a scalable SaaS model** that includes both free and subscription-based plans, enabling monetization by offering customizable quizzes and allowing organizations to create exclusive games accessible only to their teams.
5. **Collaborated with cross-functional teams** to ensure product alignment with client needs, optimizing for both online and offline team-building scenarios.

b. Fintech Web App:

1. **Developed a responsive portfolio website** for a FinTech application using NextJs, closely following figma designs to ensure a seamless and visually consistent user experience.
2. **Integrated secure API connections** to enable user authentication(login/signup) and provide real-time access transaction data.
3. **Implemented dynamic data visualization by** rendering transaction histories as interactive graphs, enhancing users ability to monitor and understand their financial activity.
4. **Ensured high performance and scalability** by leveraging NextJs features such as server-side rendering and API routes.

c. Flight Booking App:

1. **Developed a comprehensive flight search interface** enabling users to search flights by origin, destination, dates, time and routes with support for both one-way and return journeys.
2. **Integrated dynamic filtering** to provide users with real-time search results, displaying available flights options and fares based on selected criteria.
3. **Built responsive, user friendly flight results pages** that allow users to compare multiple flights, view essential details and select the most suitable options efficiently.

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<ol style="list-style-type: none"> 4. Implemented secure payment processing for seamless and safe booking transactions, ensuring a smooth checkout experience. 5. Optimized for performance and usability, incorporating intuitive UI elements and interactive components for ease of navigation and customer satisfaction. 6. Collaborated with backend teams to ensure robust API integration, managing data for search queries, bookings and transactions effectively. <p>2. Mobile Application:</p> <ul style="list-style-type: none"> • Idea: Turning Practical Problem into Game Changing Digital Business and Products for android and IOS. • Products: Fitness App and SMS Checking app. • Stack: React Native, Typescript, JavaScript , Firebase. • Features: <ol style="list-style-type: none"> a. Fitness App: <ol style="list-style-type: none"> 1. Developed a fitness mobile application using React Native and Firebase, implementing and engaging rewards system where users earn “Fit points” through workouts. 2. Implemented Firebase authentication for secure user login and signup, guiding new users through a walkthrough to input their information, store in Firebase, and receive initial fit points. 3. Build a referral rewards feature that allows users to enter and share reward codes, granting points both to the new user and the referring user, promoting app growth. 4. Managed end-to-end development, including frontend design and Firebase integration for user data, workouts, and reward tracking, to ensure smooth functionality and a cohesive user experience. 	
<p>Freelancing</p> <p>1. Cannabis Connection:</p> <ul style="list-style-type: none"> • Idea: Provide a user interface to the user where they can see which dispensaries are there in their zip code and buy the product from there and use Cannabis Connection Delivery to deliver their product. • Stack: React, Typescript, Firebase, Google Sheets, App Script. • Features: <ol style="list-style-type: none"> a. Developed a web application using React and Typescript for users to search and locate nearby dispensaries by entering their zip code, delivering a fast and accurate search experience. b. Integrate Firebase and Google Sheets App Script to handle backend operations, streamlining data management and providing a scalable backend for dispensary information. c. Embedded dispensary Iframes directly on the site, enabling users to view product offerings and make purchase without leaving the application. d. Designed an intuitive user interface to facilitate smooth navigation and improve accessibility, ensuring a user-friendly experience. <p>2. DoubtJe:</p> <ul style="list-style-type: none"> • Idea: A place where student can get all the latest and old JEE, NEET and Boards paper. Provide them the interactive UI for searching the paper and also allow user to ask questions from the teacher as comment. • Stack: React, Typescript, Firebase. • Features: <ol style="list-style-type: none"> a. Build a React and Typescript web application for students to access past and current exam papers for JEE, Neet and Board exams, improving there study resources. b. Implemented Firebase authentication to secure students and teachers access, ensuring a personalized and secure experience for all users. c. Enabled a commenting feature allowing students to leave questions on exam papers, fostering interactive feedback from teachers for additional guidance. d. Developed and admin panel where administrators can upload exam papers as images of pdfs, making it easy to manage and update content. e. Integrated Firebase as the backend, leveraging cloud storage and database functionality to store and serve large files efficiently to students. 	

Education

Masters of computer application, Vellore Institute of Technology, Vellore	Jun 2019-Aug2021 8.7 CGPA
Bachelors of computer application, DAV College, Chandigarh	Jun 2016 – March 2019