Vaibhav Chauhan

Software Developer (React Native | React | Node.js)

Software developer with a passion for building efficient, scalable solutions across the stack. Experienced in JavaScript ecosystems including React, React Native and Node.js, with a strong foundation in modern development practices. I thrive in collaborative environments where I can contribute to full-cycle development—from concept to deployment—while continuously expanding my technical expertise.

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EDUCATION

B.Tech
Ajay Kumar Garg Engineering college, Ghaziabad

08/2019 - 06/2023   *8 CGPA*

12th
Montfort Sr. Sec. School Roorkee

03/2017 - 03/2018   *88%*

10th
Montfort Sr. Sec. School Roorkee

03/2017 - 03/2018   *10CGPA*

WORK EXPERIENCE

React Native Intern
CMT AI

07/2025 - Present
Achievements/Tasks

- Converted Figma designs to pixel-perfect React Native screens, ensuring UI consistency.
- Collaborated with designers and clients to refine UX and implement feedback.

Flutter Developer Intern
Zoffers

04/2024 - 07/2024   *Remote*
Achievements/Tasks

- Assisted in state management solutions like Provider and Bloc to maintain efficient app functionality.
- Maintained clean code standards while adding new features under mentorship.

Flutter intern
Silicon Garages

01/2024 - 03/2024   *Remote*
Achievements/Tasks

- Developed cross-platform mobile applications using **Flutter**, ensuring pixel-perfect UI implementation from **Figma designs**.
- Collaborated with designers to translate wireframes into functional, responsive front-end components.

SKILLS

HTML CSS JavaScript React

React Native Flutter Node Express

PERSONAL PROJECTS

AI-Powered Fitness Tracker | REACT NATIVE
- Developed a **cross-platform fitness app** featuring secure **JWT-based authentication** (Clerk) and real-time workout tracking.
- Integrated **AI assistant (Grok)** to act as a personal trainer.
- Designed an intuitive UI for users to **log workouts**, track reps/sets/weights, and select exercises from a curated database (Sanity).
- Implemented **Zustand** for efficient global state management, optimizing performance across complex user flows.

Full-Stack Blog Platform | React, NodeJs
- **full-stack blog platform** with JWT authentication (Clerk), real-time session sync via webhooks, and role-based access control (admin/user).
- Optimized performance with **TanStack Query** for efficient data fetching (posts, comments, likes) and minimal API calls.
- Implemented role-based access control (admin/users) with admin privileges for post/comment moderation.
- Engineered RESTful APIs (Express) with MongoDB aggregation for optimized queries.

Spotlight - Social Media App | React Native
- Developed a performant social media app using React Native(expo), with Clerk for auth and Convex for real-time data.
- Uses Webhooks to trigger mutations in convex when a new user sign up(Clerk => Convex)
- Built core features like: creating posts, (like/comments), follow system, bookmarks and live notifications with optimized UI re-renders.
- Designed dynamic routes for profiles and implemented Convex queries for efficient data loading.

Object Detection | Flutter, TFLite
- Developed a cross platform mobile app using Flutter with TensorFlow Lite integration for real-time object detection.
- Integrated Flutter ML kit to handle camera input and run TensorFlow Lite modal inferences.