

Hamza Waheed

SOFTWARE DEVELOPER

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Mobile Developer with over four years of experience building and scaling cross-platform apps using Flutter, React Native, Firebase, and Node.js, alongside native Android (Kotlin) and iOS (Swift) development. I've designed, built, and published 10+ mobile applications, including FitFlow – AI Fitness & Health, a full-stack AI-powered app for personalized workout and nutrition tracking. My work focuses on solving core mobile challenges such as speeding up data loading, improving offline caching, and implementing AI-driven personalization. I thrive at the intersection of code and product, creating high-performance, user-focused experiences from backend APIs to polished mobile interfaces.

PROFESSIONAL EXPERIENCE

Founder & Developer

August 2022 - Present

FitFlow App

- Designed and built FitFlow – AI Fitness & Health, a cross-platform mobile app that provides real-time workout tracking, barcode-based nutrition analysis, and personalized fitness plans using AI.
- Integrated OpenAI GPT APIs to deliver personalized workout and nutrition plans that improved daily engagement and session duration by 28%, based on in-app analytics and user feedback.
- Achieved 10,000+ downloads and a 4.7★ average rating across iOS and Android by delivering fast, reliable performance and AI-driven personalization that consistently exceeded user expectations.
- Led the full development lifecycle, from UI design and backend architecture to deployment and analytics, ensuring a high-quality, data-driven user experience.



Mobile Software Developer

November 2021 - July 2022

Edsby | Toronto, ON, Canada

- Contributed to the development of Edsby's cross-platform education apps, used by thousands of students and educators daily.
- Built and enhanced core features in React Native integrated with Firebase to improve real-time performance, data sync, and in-app communication.
- Worked closely with design and QA teams in Agile sprints using Jira, ensuring on-time delivery and smooth release cycles.
- Collaborated with product managers to identify and fix UX bottlenecks, leading to a measurable reduction in user-reported issues and improved app store feedback.

Mobile Developer

August 2021 - October 2021

PigeonShip | Oakville, ON, Canada

- Improved the company's delivery tracking and logistics app built with Xamarin.Forms, integrating new features with React Native and Node.js for enhanced scalability and UI responsiveness.
- Optimized background synchronization and push notification workflows, reducing app crashes and improving live order update accuracy.
- Collaborated with designers, backend developers, and QA engineers using Jira and Agile sprints to deliver production-ready updates ahead of schedule.

Mobile & Web Developer

Jun 2021 – Aug 2021

Paradise Wellness | Mississauga, ON, Canada

- Developed and launched multiple mobile and web applications for wellness and client booking, using React Native, Expo, and Firebase for real-time data management and authentication.
- Built responsive user interfaces and reusable UI components, improving load speed and design consistency across all platforms.

SKILLS

Agile, Android Development, Bootstrap, Flutter, iOS/Swift, JavaScript, JIRA, Git, HTML/CSS, Java, React.js, React Native, Python, Xamarin, SEO, Firebase, C#, C/C++, Google Analytics, Google AdWords, Google Cloud Platform, jQuery, Kotlin, Lottie, MongoDB, MySQL, Nest.js, Next.js, Node.js, NoSQL, Objective-C, Express.js, AI, gpt api

EDUCATION

Bachelor of Science (Honours) Computer Science

Brock University

3.7 GPA, with First Class Standing