

QASIM ZAKA

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PROFESSIONAL SUMMARY

Software Engineering student and founder with experience designing, architecting, and shipping AI-powered mobile and web applications from concept to production. Skilled in React Native, React, Expo, TypeScript, Firebase, Cloud Functions, Firestore, OpenAI APIs, and modern full-stack development. Experienced building scalable consumer software, leading end-to-end product development, and delivering polished cross-platform user experiences.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, C#, C++, Java, SQL

Frontend: React, React Native, Expo, Expo Router, HTML5, CSS3, TailwindCSS, NativeWind

Backend: Node.js, Firebase Authentication, Firestore, Cloud Functions, Cloud Storage, REST APIs, OpenAI API, Stripe

Cloud & DevOps: Firebase Hosting, Google Cloud Platform, Git, GitHub, EAS Build, TestFlight

Libraries & Tools: React Query, Zustand, Zod, Jest, Agile/Scrum, Jira

PROFESSIONAL EXPERIENCE

Founder & Software Engineer

Vervida | 2025 – Present

- Architected and developed an AI-powered fitness and nutrition platform supporting iOS, Android, and Web from a shared React Native codebase.
- Designed AI meal planning, workout generation, grocery planning, progress tracking, and personalized health recommendations using OpenAI APIs.
- Built scalable backend infrastructure with Firebase Authentication, Firestore, Cloud Functions, and Cloud Storage.
- Implemented subscription-ready architecture, reusable UI components, and modern application state management.
- Owned the complete software development lifecycle from product design and architecture through testing, deployment, and ongoing iteration.

Founder & Software Engineer

Payday | 2026 – Present

- Built an AI-powered personal finance platform focused on budgeting, expense categorization, and financial insights.
- Implemented document processing workflows, intelligent transaction categorization, review queues, and budgeting analytics.

- Developed secure cloud architecture using Firebase services and serverless Cloud Functions.
- Shipped production-ready web and iOS builds using Expo and modern CI/CD workflows.

Founder & Software Engineer

Smartly | 2026 – Present

- Developing an AI-powered education platform combining tutoring, programming assistance, quizzes, note-taking, and study planning.
- Architected a scalable monorepo supporting iOS, Android, and Web with reusable shared packages.
- Designed authentication, cloud synchronization, AI-powered learning workflows, and modular application architecture.

Software Engineering Intern

Edventive | Jan 2024 – Apr 2024

- Collaborated with cross-functional teams to develop an education technology proof of concept.
- Participated in requirements gathering, technical design, Agile development, documentation, and stakeholder presentations.

Key Holder / Sales Associate

LensCrafters | 2025 – Present

- Entrusted with opening and closing operations, daily leadership responsibilities, and delivering exceptional customer experiences.
- Consistently achieved sales objectives while mentoring teammates and supporting operational excellence.

Community Technical Support

Scadding Court Community Centre | 2016 – 2024

- Provided technical support, troubleshooting, device setup, and digital literacy assistance for community members.

IT Support Technician

Central Technical School | 2016 – 2021

- Installed, configured, repaired, and re-imaged classroom computers while supporting staff and students.

EDUCATION

Ontario College Advanced Diploma – Game Programming

Centennial College

Expected Graduation: 2027