BEKA CHALCHISA

Mobile & Full Stack Developer

Spokane, WA | (509) 608-8947 | bekadessalegn@gmail.com | github.com/bekaDessalegn

SUMMARY

Flutter developer who has shipped apps to both the App Store and Google Play, along with the web dashboards and APIs behind them. I also build Power Platform and Dynamics 365 solutions on Azure for enterprise clients. Since 2019, I have also done freelance work, taking small projects from the first sketch to the store release.

EXPERIENCE

Full Stack Developer | IA Cloud Consulting LLC March 2024 – Present

- Build and support Power Platform solutions (Canvas apps, Model-driven apps, Power Pages, Power Automate) for enterprise clients, connected to Dataverse, SharePoint, and SQL.
- Led the Operation Hope system redesign. Wrote custom pages and forms, JavaScript web resources, C# plugins for Dynamics 365, and C# Azure Functions for automation. Live site: portal.operationhope.org.
- Set up Azure AD B2C sign-in and managed user accounts, roles, and permissions.
- Built Azure DevOps CI/CD pipelines for Power Apps and Power Pages releases, and shipped the companion mobile app (Hope in Hand) to the App Store and Google Play.
- Made clickable prototypes for client demos before development began, which helped clients sign off sooner.

Software Engineer (Freelance) | Self-employed September 2019 – Present

- Build mobile and web apps for independent clients and handle each project from planning through release.
- Other client work includes a Next.js admin dashboard on a custom REST API for Habra, and a WordPress site for Angel's Touch Adult Family Home, a Spokane care provider.

PROJECTS

Habra: community app for the Habesha diaspora Flutter · React · TypeScript

- Built the iOS and Android app with a team of three, using Clean Architecture, Cubit/BLoC, and dependency injection. It supports light and dark themes and three languages (English, Arabic, French).
- Community members can find nearby businesses on a map, browse events and buy tickets, and search for jobs. Business owners can manage listings, deals, and job posts, and choose a subscription tier.
- Released and updated it on both the App Store and Play Store, including fixes to distance accuracy, map previews, and business hours.
- Also built the React/TypeScript marketing site and a React/Tailwind admin portal for running the platform.

App Store | Google Play | habra.app

Tactix Fantasy: fantasy sports platform Flutter · Next.js · Node.js

- Flutter app (BLoC) with real-time leaderboards, group leagues, and push notifications through Firebase.
- Backend is a Node.js/Express REST API on MongoDB with JWT auth, Stripe payments, and Google, Apple, and Facebook login. Wrote the Next.js/TypeScript admin dashboard too.

App Store | Google Play

Kiddovate: songs, games and stories for kids Flutter · Next.js · Shopify

- Flutter app (BLoC, GraphQL, Firebase, Hive) with in-app purchases, plus a Next.js marketing site and a custom Shopify store.

App Store | Google Play | kiddovate.app

Hope in Hand (Operation Hope) PWA · Dynamics 365

- Companion app for the Operation Hope case management system, built from the web portal as a PWA and packaged with PWABuilder for iOS and Android.

App Store | Google Play

Cigar Key: personalized recommendation app Flutter · GraphQL · Azure AD B2C

- Flutter app for a client that builds a taste profile for each user and recommends cigars that match it. 500+ downloads on Google Play.
- Used Azure AD B2C for sign-in, GraphQL for data, and Sqflite/Hive for local storage.
  Google Play

VOLUNTEER WORK

MezmurHub: volunteer software engineer, St. Mary's Ethiopian Orthodox Tewahedo Church, Spokane

- Gospel songs and lyrics were being passed around as printouts and chat messages, which made them hard to find, especially for kids and new members. Built a mobile app so people can look up songs and lyrics and practice them.
- Built a web admin portal so church volunteers with no technical background can add and organize songs themselves.

SKILLS

Mobile: Flutter, Dart, BLoC/Cubit, Clean Architecture, Firebase, Sqflite, Hive, in-app purchases, App Store and Google Play releases

Web & backend: Next.js, React, TypeScript, JavaScript, Node.js/Express, C#/.NET, Python, Java, HTML/CSS, WordPress

Data & APIs: REST, GraphQL, Hasura, SQL, MongoDB, SQLite, Dataverse

Cloud & Microsoft: Azure Functions, Azure AD B2C, Azure DevOps, Logic Apps, Dynamics 365, Power Apps, Power Pages, Power Automate

Tools & process: Git/GitHub, CI/CD, Figma, Linear, Trello, Agile/Scrum, Cursor, Claude, ChatGPT

EDUCATION

B.Sc. in Software Engineering | Addis Ababa Institute of Technology | 2019 – 2024