

Abhishek Mukherjee ❖ Senior Software Engineer

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Summary

- Senior Software Engineer with 6 years of experience building cloud-native enterprise applications and consumer-facing products.
- Strong full-stack expertise across backend services, web applications, and mobile platforms, including C#, .NET, React, React Native, Firebase, Azure, and cloud-native architectures.
- Experienced delivering complex enterprise solutions at Dayforce, achieving up to 15x improvements in API performance, and independently building and operating production software from concept to launch at WaySide.
- Independently, designed, built, launched, and operated WaySide, a production mobile travel application, featuring AI-powered itinerary assistance, group expense management, third-party integrations, and subscription/affiliate monetization.

Experience

Dayforce

2020 – Present

Senior Software Developer

Toronto, ON, Canada

- Owned end-to-end delivery of key product capabilities supporting Dayforce's Government of Canada implementation, translating complex regulatory and workforce management requirements into scalable software solutions. Delivered bilingual English/French localization, government-specific functionality, and ongoing customer-driven enhancements.
- Led performance optimization initiatives for enterprise workflows, achieving up to 15x reductions in key API response times through EF Core query optimization, data model improvements, backend refactoring, and caching strategies.
- Designed and developed C# .NET microservices and React micro-frontends as part of a modernization initiative to migrate functionality from a large-scale monolithic application into a cloud-native architecture.
- Collaborated with product managers, business analysts, UX designers, and customer-facing teams to define requirements, evaluate technical tradeoffs, and deliver reliable solutions for complex enterprise use cases.
- Mentored and onboarded engineers, provided technical guidance through development and code reviews, and contributed to improving engineering practices across the team through automated testing, documentation, and knowledge sharing.

Tech: C#, .NET, EF Core, React, TypeScript, GraphQL, Azure, SQL, Jest, Cypress, GitHub Copilot, Claude

WaySide

2025 – Present

Founder and Solo Developer

waysideapp.com

- Designed, developed, launched WaySide, a production mobile travel application available on iOS and Android, independently owning architecture, implementation, deployment, and ongoing product development.
- Built scalable backend infrastructure using Firebase Authentication, Firestore, Cloud Functions, and Cloud Storage supporting itinerary management, real-time collaboration, expense splitting, and scheduled background workflows.
- Built two production LLM-powered workflows using Claude: a contextual travel assistant chatbot that combines user's itinerary data, user preferences, and application knowledge to provide one-tap itinerary suggestions, and an automated email-to-itinerary pipeline that transforms unstructured travel emails into structured itinerary items for user approval.
- Integrated third-party services and monetization infrastructure, including Google Places, travel and currency APIs, RevenueCat subscriptions, affiliate partnerships, and Apple Search Ads for user acquisition.
- Acquired 150+ users and initial paying subscribers, continuously iterating on onboarding, features, and user experience based on analytics and real-world user feedback.

Tech: React Native, Expo, TypeScript, Firebase, Google Cloud, RevenueCat, Apple Search Ads, Claude Code, Cursor

Education

University of Waterloo

Sep 2015 - Apr 2020

Bachelor of Applied Science, Nanotechnology Engineering

Waterloo, ON, Canada