

Ali Ghanavati – iOS Developer

Toronto, ON | +1 647-822-3057 | Alighanavatidev@gmail.com | <https://www.linkedin.com/in/ali-ghanavati-ios/>

PROFESSIONAL SUMMARY

Innovative mobile-first engineer with 10+ years of end-to-end product delivery across iOS and Java/Spring ecosystems. Expert at translating complex business needs into secure, scalable software used by millions—spanning tier-one banking apps and enterprise-grade digital identity solutions.

- Expert Swift & SwiftUI native development (7+ yrs) with Combine/TCA, clean MVVM, and GraphQL API integration.
- Senior-level Java 17 & Spring Boot micro-services experience (8+ yrs) in financial-grade, distributed back-ends.
- Full SDLC ownership—requirements, architecture, CI/CD, App Store & cloud releases—while mentoring global teams.
- Disciplined engineering mindset: TDD, SOLID, Clean Code, code review, threat modelling, WCAG-compliant UX.
- Hands-on cloud & DevOps: Docker, Kubernetes, AWS/GCP, GitHub Actions, Jenkins, Terraform, OpenShift.

TECHNICAL SKILLS

- **Languages:** Swift 6/SwiftUI, Java 8–24, SQL
- **iOS Frameworks:** Combine, UIKit, Core Data, HealthKit, ARKit, Vision, MapKit, URLSession, XCTest/XCUITest
- **Java & Server:** Spring Boot, Spring Security, Spring Data JPA, Kafka, Hibernate, Maven/Gradle
- **Architecture:** MVVM, MVC, POP, SOLID, Clean, Micro-services
- **Tools & Practices:** Git, GitHub/GitLab, Jira, TestFlight, Charles, Jenkins, GitHub Actions, Postman
- **Cloud & DevOps:** AWS (EC2, S3, RDS, Lambda, Cognito), GCP (GKE, Pub/Sub), Docker, Kubernetes
- **Datastores:** Spring Boot, Java, MySQL
- **Agile & Delivery:** Scrum/SAFe, CI/CD pipelines, Feature-flag rollout, Blue-green deployment, Monitoring (ELK)

EXPERIENCE

Senior iOS Developer(java)- Alterna Bank, Toronto, ON

Jan 2025-Current

Project description:

Led the development of a Greenfield universal mobile banking SuperApp for Alterna Bank, targeting over 1.8 million active users across iPhone and iPad platforms. The project aimed to deliver a secure, high-performance, and scalable digital banking experience with features such as real-time account aggregation, biometric onboarding, and personalized financial tools.

The backend architecture was built using Java 17 microservices with Spring Boot 3, deployed on AWS EKS with full support for multi-region scalability, high availability, and real-time data streaming via Kafka. On the frontend, a modular SwiftUI app was architected using Clean MVVM and Swift 5.9 App protocol, ensuring a maintainable, testable codebase. The app was developed following Agile methodology in a cross-functional squad, working closely with product, design, backend, and DevOps teams to ensure rapid delivery and high code quality.

Responsibilities:

- Co-architected and developed a modular SwiftUI application using Clean MVVM with Swift 5.9 App protocol, reducing code duplication by 35%.
- Delivered biometric onboarding (Face ID / Touch ID / Passkey) integrated with Spring Boot + FIDO2

authentication services; reduced user onboarding time from 8 minutes to 90 seconds.

- Integrated GraphQL Gateway for real-time account aggregation, reducing average API payload by 42% and app launch time by 25%.
- Led development of backend payment and notification microservices in Java 17 & Spring Boot 3, leveraging Kafka, Redis, and AWS EKS for scalable multi-region deployment.
- Modernized the CI/CD pipeline by migrating from Jenkins to GitHub Actions, integrating Fastlane + Gradle matrix builds and adding DAST/SAST security gates. Cut iOS build time from 30 to 12 minutes.
- Mentored 4 junior developers and facilitated regular code kata sessions to improve team quality and consistency.
- Acknowledged by client's CTO for "raising the engineering bar" across the mobile team.

Environment:

- Swift 5.9, SwiftUI, Combine, XCTest,
- Java 17, Spring Boot 3, Kafka, Redis, GraphQL,
- AWS EKS, Docker, GitHub Actions, Fastlane, Gradle, Jenkins

Senior iOS Developer (java)– Tiddev

June 2017 – Dec 2024

Project description:

Development of multiple enterprise-grade mobile and backend banking solutions, serving over 1 million users. Key initiatives included launching secure banking apps, designing authentication platforms, and building scalable backend services. The project spanned mobile (iOS, Android), web, and backend teams, employing Agile methodology with strong emphasis on security, performance, and real-time capabilities.

Responsibilities:

- Architected and launched a secure mobile banking app using Swift, UIKit, and GraphQL APIs with over 1 million active users.
- Designed and built Hamraz OTP Generator using SwiftUI and Combine, ensuring high security and compliance.
- Re-engineered the Soha authentication platform, adding support for real-time MQTT messaging, KYC verification, and biometric login.
- Led cross-functional Agile teams of iOS, Android, Web developers, QA engineers, and UI/UX designers, enforcing TDD, code reviews, and iterative delivery.
- Designed and implemented Java 8+ microservices using Spring Boot and Spring Cloud, focused on modularity and scalability.
- Integrated OAuth2 and JWT-based authentication for secure service communication.
- Deployed and managed microservices on Kubernetes (K8s) and Docker, with live monitoring and fault tolerance.
- Optimized PostgreSQL and Oracle DB queries, achieving 30% improvement in API response times.
- Used MQTT protocol for low-latency, real-time data exchange across services.
- Contributed to iOS features using SwiftUI and Combine in collaboration with backend services.

Environment:

- Swift, SwiftUI, Combine, UIKit, Restful,
- Java 8+, Spring Boot, Spring Cloud, OAuth2, JWT,
- PostgreSQL, Oracle, MQTT, Docker, Kubernetes, Agile/Scrum

iOS & Java Developer – SAMENEA

June 2015 – June 2017

Project description:

Development and enhancement of core mobile and backend systems for banking and media platforms. The work involved iOS app development, enterprise backend APIs, and real-time data delivery, contributing to both financial services and high-traffic consumer apps such as Varzesh3.

Responsibilities:

- Developed core mobile banking functionalities using Swift and Objective-C, delivering stable and user-friendly interfaces.
- Contributed to the Varzesh3 sports app, enabling live streaming and real-time updates for millions of users.
- Built and maintained backend APIs with Spring Boot, improving system reliability and reducing downtime.
- Designed and developed RESTful services using Spring MVC and Java EE for enterprise-grade solutions.
- Designed and optimized relational databases using MySQL for scalable data management.
- Strengthened application security by integrating Spring Security for authentication and access control.

Environment:

- Swift, Objective-C, Spring Boot, Spring MVC, Java EE,
- MySQL, Spring Security, RESTful APIs, Agile

LICENSES & CERTIFICATIONS

- **Problem Solving Certification** - Credential ID: [3EDBD84F1752](#)
- **Software Engineer Certification** - Credential ID: [E17AD451C77A](#)

EDUCATION & CERTIFICATIONS

- **Associate Diploma in Computer Science** — Azad University, Tehran 2009
- **B.Sc. Computer Engineering** — Islamic Azad University, Tehran 2024

ADDITIONAL INFORMATION

- **Languages:** English (Fluent), Persian / Farsi (Native)
- **Work Authorisation:** Canadian Permanent Resident (PR)
- **Availability:** 2 weeks' notice; open to hybrid or remote within Canada/US Eastern Time
- **Interests:** Cycling, Cold-brew coffee, Open-source contributions, Tech blogging