

Ali Ghanavati

Toronto, ON | 647-822-3057 | Alighanavatidev@gmail.com | linkedin.com/in/ali-ghanavati-ios

Professional Summary

- iOS & Software Engineer with experience building enterprise applications, now focused on applying AI and machine learning to real-world software problems.
- Expertise in Swift, SwiftUI, UIKit, MVVM architecture, Combine, GraphQL integration and scalable mobile application delivery.
- Strong background in digital banking, AI-powered financial solutions, biometric authentication, OTP systems, KYC verification, and banking switch technologies.
- Experienced in delivering enterprise-grade banking apps used by millions of users across mobile platforms.
- Currently completing an AI Advanced Diploma at Centennial College, applying technical skills in new domains and bringing a strong foundation in software engineering to collaborative team environments.
- Solid experience with Agile collaboration, CI/CD workflows, and working in cross-functional engineering teams.

Technical Skills

Programming: Swift, Java, Python, SQL

Mobile & AI Development: SwiftUI, UIKit, Core ML, Vision, TensorFlow (basics), Supervised Learning, Java Web Apps

Architecture: MVVM, MVC, SOLID, Clean Architecture, Modular Design

FinTech & Banking: Mobile Banking, Digital Banking, FinTech Applications, AI-powered Banking Features, OTP Systems, ISO8583, S2M Banking Switch, CR2 Banking Switch, KYC, Biometric Authentication

Backend & APIs: REST APIs, GraphQL, Firebase, MQTT

DevOps & Cloud: AWS, Docker, Kubernetes, GitHub Actions, Jenkins, Fastlane

Tools: Git, GitHub, GitLab, Jira, Postman, Charles Proxy, TestFlight

Methodologies: Agile/Scrum, CI/CD, TDD, Code Review

Professional Experience

iOS Developer | Tiddev, Tehran

June 2017 – Dec 2024

- Architected and launched enterprise mobile banking applications with more than 1 million active users.
- Developed fintech and digital banking solutions (Hamraz OTP Generator and secure authentication platforms).
- Implemented biometric authentication, KYC verification, and real-time banking notifications.
- Built scalable SwiftUI and UIKit banking applications integrated with GraphQL services.
- Collaborated with enterprise banking teams to deliver secure and high-performance mobile experiences.
- Led Agile mobile teams while enforcing Clean Code, TDD, and code review best practices.
- Integrated MQTT-based real-time communication systems for banking infrastructure.

iOS & Banking Software Developer | SAMEN (SEA), Tehran

June 2015 – June 2017

- Developed secure mobile banking applications using Swift and Objective-C.
- Worked extensively with CR2 banking switch systems and enterprise banking integrations.
- Contributed to high-traffic applications including Varzesh3 with live updates and streaming.
- Developed enterprise APIs and financial service integrations.
- Enhanced security and reliability for banking and payment platforms.

POS Banking Software Developer | HasinTech, Tehran

June 2013 – June 2015

- Developed POS banking terminal software and transaction processing systems with C++.
- Worked extensively with ISO8583 financial messaging standards.
- Implemented and maintained S2M banking switch integrations.
- Collaborated with banking infrastructure teams to improve payment transaction security and reliability.
- Participated in enterprise banking transaction testing and deployment.

Education

Software Engineering Technology - Artificial Intelligence Advanced Diploma (Fast-Track) Present
Centennial College, Toronto, ON
Focus Areas: AI Systems Design | Java | Web Application Development | Supervised Learning | Testing & QA
Key Project: Built a local AI research assistant using Streamlit, Chroma vector database, and retrieval-augmented generation to search course notes and return evidence-based answers

Bachelor of Science – Computer Engineering 2024
Islamic Azad University, Tehran

Associate Diploma in Computer Science 2009
Islamic Azad University, Tehran