

JOHN V. UGONABO

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Senior iOS Engineer | Lead Architect | 5+ YOY | Product & Business-Minded

TECHNICAL SKILLS

Programming Languages

Swift, Objective-C, Kotlin, Java, Dart

Data, Persistence & APIs

CoreData, SwiftData, MySQL, SQLite, MongoDB, Firebase, REST API, JSON

AI / ML & Developer Productivity

CoreML, CreateML, Vision Framework, LLM Integration, prompt engineering, agentic development workflows, Cursor AI, GitHub Copilot, Claude Code

iOS & Mobile Development

SwiftUI, UIKit, iOS Development, Xcode, Xcode Cloud, ARKit, Swift Package Manager (SPM), Com11bine, async/await, Flutter, Android Studio, Superwall (Subscriptions & Paywalls)

DevOps, CI/CD & Version Control

Git (Command Line), GitHub, Bitbucket, GitHub Actions, Bitrise, Jenkins, Fastlane, Xcode Cloud

Testing & Quality Engineering

Test-driven development, XCTest, XCUITest, XCTest, TestFlight, Snapshot UI testing, Unit testing, Appium, JUnit, Selenium

Architecture, Methodologies/ Systems

MVVM, MVC, VIPER, OOP, Agile, Scrum, Kanban, CI/CD, Jira, Azure DevOps

Analytics & Monitoring

Mixpanel, A/B Testing, Sentry, Event Tracking, Feature Flags, Crashlytics.

PROFESSIONAL EXPERIENCE

SPRIG LEARNING

Senior iOS Developer

Canada (Remote)

January 2024 - Present

- Architected and shipped production iOS features at scale using **SwiftUI, MVVM, Clean Architecture, dependency injection, SwiftData, Combine, and async/await**, supporting offline-first workflows and multi-user scalability
- Led implementation of **secure authentication flows** and **session management** using **Auth0** for protected user data.
- Leverage AI-native tools (**Claude Code, Cursor**) to accelerate delivery & productivity while maintaining production quality
- Setup agentic workflows & prompt engineering for code generation, refactoring, & testing, treating AI as a core collaborator
- Integrated product analytics and experimentation using **Mixpanel & A/B testing** to inform data-driven product decisions.
- Maintained robust **CI/CD & testing strategies (XCTest, XCUITest)**, improving release confidence and reducing regressions.
- Mentored junior developers, standardized **API integration** & led adoption of **Clean Architecture** and modular patterns.
(*Technologies: Swift, SwiftUI, Combine, MVVM, Async/Await, RESTful APIs, SwiftData, SceneKit, Git, Superwall, Auth0*)

EMPOWERED FUTURES

Lead iOS Engineer (Contract, Non-Profit)

Canada (Remote)

August 2023 - January 2024

- Led development of a greenfield iOS app from concept to App Store release, serving a youth mental-health and mentorship platform. Enabling teens to connect with mentors through matching and in-app communication features.
- Defined the initial **iOS architecture, project structure, and development standards** in a small, fast-moving team.
- Built **authentication and onboarding flows** using **OAuth-based patterns (Auth0)** to support secure user access.
- Worked closely with non-technical stakeholders to translate evolving program needs into practical mobile solutions.
- Managed contributors and coordinated delivery across design, backend, and product in a constrained environment.
(*Technologies: Swift, MVVM, Scrum, Jira, GitHub, Firebase Analytics & Crashlytics, XCTest, App Store Connect*)

HSBC

iOS Engineer

Vancouver, BC

May 2022 - May 2023

- Developed core features with **SPM, MVVM, and VIPER** to support HSBC's global consumer banking app (**5M+** users)
- Launched 6 new features for the WealthTab platform, directly contributing to a 12% increase in premium active users.
- Led the implementation of feature toggles and remote kill switches, cutting post-release incidents by 20%.
- Expanded test coverage (**unit, snapshot, integration**) and improved CI checks, reducing bugs by 20% across releases.
(*Technologies: Swift, UIKit, MVVM, VIPER, Agile, Jira, REST APIs, JSON, XCTest, Snapshot, SPM, SonarQube*)

MICROSOFT

iOS Software Engineer (MS LEAP Apprentice)

Vancouver, BC

August 2021 - March 2022

- Contributed to the Azure Communication Services UI SDK with real-time chat and calling features using **Swift & SwiftUI**
- Maintained ACS sample apps, ensuring feature parity across **SwiftUI** and **UIKit** versions for better developer adoption.
- Authored **technical documentation** and created onboarding tools that boosted SDK usage by 25% across teams.
- Collaborated with 15+ global team members across design, product, and engineering to ship on tight release cycles.
(Technologies: **SwiftUI, C#, MVVM, CocoaPods, Redux, Figma, Azure DevOps, GitHub, SDKs, Azure services**)

VIS TECHNOLOGY

iOS Developer (MITACS Entrepreneurship)

Coquitlam, BC

Jan 2021 - June 2021

- Directed the end-to-end design and development of a suite of iOS apps overseeing all phases of the **project lifecycle**.
- Implemented **face tracking** with **ARKit**, enabling real-time behavior observation and prediction, increasing UX by 30%.
- Built & optimized secure authentication system using **Firebase & CoreData**.
- The newly built apps enhanced company research and provided improved data collection, reporting & analysing tools.
(Technologies: **Swift, UIKit, ARKit, MVC, TestFlight, CoreData, Firebase, Bitbucket**)

SIDE PROJECTS

MoodWave – Native iOS music app

Personal Project (in development)

Canada (Remote)

July 2025 - Present

- Developing an AI-powered iOS app that generates personalized music playlists based on user mood search, integrating Core ML for mood analysis and playlist intelligence.
- Exploring LLM-powered features for natural language mood interpretation and intelligent playlist curation, applying prompt engineering to shape model outputs for personalized user experiences.
- Built with SwiftUI & SwiftData for local data persistence, implementing MVVM & modular architecture for scalability.
- Integrated Apple Music API (MusicKit) and Spotify API/SDK for cross-platform music compatibility, secure authentication via Keychain, and seamless playback.
- Designed responsive, animated UI with SwiftUI components & optimized asynchronous operations using `async/await`.
(Technologies: **Swift, SwiftUI, SwiftData, Core ML, MusicKit, Spotify API/SDK, Keychain, MVVM, async/await**)

EDUCATION

Post graduate Diploma - Computer & Information Systems

Douglas College

New Westminster, BC Canada

Bachelors of Engineering - Civil Engineering

Afe Babalola University

Ado-Ekiti, Ekiti State Nigeria

INTEREST

Technology & Learning:

- **Emerging Technologies** (IoT, On-device AI, ML)
- **Business & Investment** (Joint Ventures, Stocks, Crypto, Real Estate)

Personal Interests:

- **Fitness & Sports** (Hiking, Basketball, Biking, Ice Skating)
- **Music** (Afrobeats, Hip Hop, House, EDM, Highlife, RnB, Jazz, Classic)