Muhammad Ishaq

Senior iOS Engineer & Full-Stack Developer

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*12+ years building high-performance mobile applications with expertise in **Swift**, **Objective-C**, and **SwiftUI**, complemented by **Node.js** backend development. Proven track record of delivering scalable, user-centric solutions across iOS and full-stack environments.*

Core Expertise

iOS Development

- *Swift (5+ years), SwiftUI (2+ years), Objective-C (10+ years)*
- *UIKit, CoreData, Combine, ARKit*
- *Published 20+ apps on the App Store with strong user engagement*

Backend & API Development

- *Node.js, Express/NestJS (1+ year) – Designed REST/GraphQL APIs*
- *Database Management: MongoDB (Atlas), PostgreSQL, Firebase*

Technical Leadership

- *Optimized app performance, reducing crashes by 90% in legacy code*
- *Led cross-functional teams in Agile environments*
- *Strong focus on clean architecture, scalability, and maintainability*

SKILLS

- Programming Languages: Objective-C, Swift, JavaScript (Node.js), Vue.js
- iOS Development: Objective-C, Swift, UIKit, EventKit, CoreData, CoreAnimation, MapKit, etc
- Backend Development: Node.js, MongoDB, RESTful APIs, WebSocket, Express.js
- Frontend Development: Vue.js, Vuetify, Quasar, BootstrapVue
- Database Management: MongoDB, MySQL
- Third-Party Integrations: Payment Gateways (Stripe, PayPal, Tilia), VoIP (OpenTok, PJSip, XMPP), Push Notifications

EXPERIENCE

Devspark Labs   *August 2022 - Present*

Senior Software Engineer (iOS , Node.js)

Built a social media competitive app (iOS/Swift) featuring real-time leaderboards, analytics, push notifications (Firebase), and advanced media processing (image/video compression, filters)

Engineered iOS mapping solutions (MapKit/CoreLocation) with custom UIKit interfaces and geofencing capabilities

Developed scalable SaaS platforms (Node.js/MongoDB) with secure authentication, WebSocket integrations, and admin dashboards serving 50+ MAUs

Architected multi-vendor e-commerce systems (Vue.js/Next.js + MongoDB) with unified inventory management and real-time analytics

Led cross-functional teams in Agile environments to deliver robust applications from concept to production

Optimized backend performance (MongoDB indexing, Redis caching) and implemented CI/CD pipelines (GitHub Actions)

Invitae   *August 2021 - August 2022*

Senior Software Engineer (iOS, Vue.js)

Developing high-quality, scalable web applications using Vue.js and its ecosystem (Vuex, Vue Router, Composition API).

Building reusable components and optimizing performance for seamless user experiences.

Collaborating with designers, product managers, and backend teams to deliver robust solutions.

Leading frontend architecture, mentoring junior developers, and conducting code reviews.

Integrating APIs and ensuring smooth communication between the frontend and backend systems.

Driving best practices in testing, CI/CD, and modern web development.

Staying updated on emerging technologies to improve processes and enhance application performance.

Stella Technology, Inc   *November 2017 - July 2021*

Senior Software Engineer(iOS)

Spearheaded software development life cycle, from implementation to deployment, ensuring seamless project execution.

Mentored and guided team members through Scrum meetings and sprint planning, driving timely project completion.

Conducted rigorous unit testing to ensure code robustness, covering edge cases, usability, and reliability.

Championed Agile project methodologies throughout the project lifecycle, fostering collaboration and adaptability.

Coordinated with cross-functional teams to achieve successful and timely project delivery.

Collaborated with project managers to estimate new projects, providing technical expertise and insights.

Stayed abreast of the latest iOS trends and frameworks introduced by Apple, ensuring technical excellence.

LMKT   *April 2013 - November 2017*

iOS Application Engineer

Crafted innovative, user-centric iOS applications, balancing exceptional user experience with seamless user interface design.

Collaborated with cross-functional teams to conceptualize, design, and launch cutting-edge features, driving business growth.

Integrated mobile applications with back-end services, ensuring seamless data exchange and robust functionality.

Conducted rigorous unit testing, covering edge cases, usability, and reliability, to guarantee high-quality code.

Embraced Agile project methodologies throughout the project lifecycle, fostering adaptability and collaboration.

Coordinated with teams to ensure timely project delivery, meeting business objectives and customer expectations.

Partnered with project managers to estimate new projects, providing technical expertise and insights to inform decision-making.

Stayed ahead of the curve by researching new iOS trends, frameworks, and technologies introduced by Apple, ensuring technical excellence and innovation.

Smonte Technologies   *April 2012 to April 2013*

Junior iOS Developer

Designed, developed, and modified applications to meet customer requirements, ensuring timely delivery and satisfaction.

Collaborated with leadership to conceptualize, design, and launch new features, driving business growth and innovation.

Worked closely with cross-functional teams, including Team Leaders, Business Analysts, and Product Owners, to understand functional and system requirements and ensure seamless project execution.

Partnered with the Architecture Team to guarantee architectural integrity, product quality, and alignment with technical standards.

Contributed to project planning by assisting project managers and leads in estimating new projects,

providing technical expertise and insights.

Embraced Agile project methodologies throughout the project lifecycle, fostering adaptability, collaboration, and rapid delivery.

PROJECTS

Buy Halal Goods (Halal E-Commerce Platform) *Nov 2024 - Ongoing*

https://www.buyhalalgoods.com/

Technologies:

Backend: Node.js, Express, MongoDB (Geo-Indexing)

Payments: Stripe Connect / In App Purchases

Implemented real-time geo-indexed store/restaurant locator with 500m precision.

Developed a multi-vendor payment reconciliation system.

Built RESTful APIs supporting 40+ product categories with inventory sync.

Wooo (Talent Competition App) *August 2022 - Present*

https://apps.apple.com/us/app/wooo-win-with-everyday-life/id1614295233

Technologies:

iOS: Swift, MapKit

Backend: Node.js, Firebase, MongoDB

Integrations: In-app purchases, Tillia Connect, Instagram/TikTok SDKs

Local data saving (Core Data) and syncing.

Streaming via HaishinKit.

Audio and video calling with OpenTok.

In App Purchases, Tilia.Image Viewer and Video Player.

Content compressing and NSFW.

RealtOrganizer (Streamline real estate management)

https://realtorganizer.com/

Technologies:

iOS: Swift, Google Maps

Backend: Node.js, Firebase, MongoDB

Integrations: In-app purchases, Stripe Subscriptions

Sleek and intuitive iOS application using Swift.

Google Maps for location-based services.

Google Realtime Database for instant updates.

Gallery management with iOS Photos

The Poetry App (iPad)

https://itunes.apple.com/us/app/the-poetry-app/id501967950?mt=8

Technologies:

iOS: Objective-C, SQLite

Integrations: In-app purchases

A beautiful, whimsical interface

SQLite for local data syncing

Custom animations with UIKit

In-app purchases for subscriptions.

Office Shoes (iPhone,iPad)

http://itunes.apple.com/gb/app/office-shoes/id472905738?mt=8

Technologies:

iOS: Objective-C, MapKit
Integrations: Sagepay payment gateway

UK's leading footwear retailer processing £10M+ annually via mobile(iPhone,iPad)
Customised pixel-perfect UI.
Maps and location framework.
Payment gateway integration (SagePay).

Babyscripts MyJourney (Health & Pregnancy App)

https://apps.apple.com/us/app/babyscripts-myjourney/id1463084234
Technologies:
iOS: Objective-C, HealthKit, MapKit
Integrations: In-app Purchases

Privacy-first health app with HIPAA compliance
Designed a gestational-age-aware UI that adapts to pregnancy stages
HealthKit for seamless wearables data import (Apple Watch, glucose monitors)
In-App Purchase for 92% subscription retention

SmartLink – Free Calls (PTCL)

https://itunes.apple.com/pk/app/smartlink-free-calls/id1020128280?mt=8
Technologies:
iOS: Objective-C, Core Data (local storage), CallKit, PushKit.
VoIP: Linphone SDK
Integrations: PTCL

End-to-end encrypted calls (ZRTP for key exchange)
XMPP-based chat with message delivery receipts
Core Data for call logs, contacts, and chat history

Grabble (Tinder for fashion)

https://apps.apple.com/gb/app/grabble-discover-swipe-shop/id909415813
Technologies:
iOS: Objective-C with Core Data (offline caching)
Backend: PHP (Laravel) + MySQL
Integrations: In-app purchases, Stripe, Google Maps

Swipe-to-Shop" Platform with 5.2M Downloads in First Week (TechCrunch-covered launch)
$1.4M in IAP revenue first month
Store finder with real-time inventory checks
Partner brand API integrations

EDUCATION

Islamia University of Bahawalpur   *2008 to 2012*

BS(IT)

OOP (Java/Python), Data Structures & Algorithms
HTML/CSS, JavaScript, Database Systems (SQL)
Mobile Application Development
CCNA basics, Cybersecurity fundamentals
Agile methodologies, SDLC