

Yahia El-Dow

Contact Info

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Website, Stackoverflow, LinkedIn, GitHub, Medium

Professional Experience

Staff Software Engineer(IV) at Almatar Company (Oct 2019 to Present)

- Responsible for system integration between Almatar and external platforms such as Nusuk, including embedding selected modules from the Almatar app into the Nusuk application.
- Lead the coordination between the Almatar and Nusuk teams to ensure seamless integration and consistency of business logic without conflicts.
- Manage and lead the mobile development team.
- Ensuring alignment with software development lifecycle processes.
- Conduct code reviews, define and oversee system architecture, and ensure code quality across projects.
- Plan and design new features, refactor legacy code, and drive continuous codebase enhancement.
- Prioritize development tasks, validate feature requirements, and coordinate with Backend, QA, and DevOps teams for integrated delivery.
- Oversee CI/CD pipelines, Git workflow management (including Git Hooks and GitHub Actions), and automated deployment strategies.
- Collaborate cross-functionally to ensure smooth and timely product delivery.

(Part-time) Software Engineer at QB-Call Company (Dec 2020 to Jun 2021)

- Developed an iOS application utilizing VoIP technology to enable real-time meeting functionality, including session time tracking and user balance deduction.
- Integrated secure payment workflows and facilitated real-time communication through app sockets.
- Collaborated with cross-functional teams (Backend, Android, and Design) to implement business logic and ensure seamless product development.

(Part time) Team Leader Mobile Developer (IOS) at Nvidia Company (April 2017 to Oct 2020)

- Led development of a large-scale CMS project, with end-to-end responsibility for technical planning, execution, and delivery.
- Managed distributed teams across iOS, Android, Backend, and UI/UX disciplines: assigned tasks, ensured sprint goals were achieved, conducted code reviews, and facilitated daily stand-ups and retrospectives.
- Architected the application by modularizing the codebase into well-defined components, making it scalable, maintainable, and suitable for parallel development.
- Defined and enforced development timelines, coordinated with stakeholders, and ensured all deliverables met business and technical expectations.

Senior Mobile Developer (IOS) at IT-Smart Company (May 2018 to Sep 2019)

- Led the design, development, and deployment of scalable iOS applications, ensuring adherence to best practices in Swift, UIKit, and RESTful API integration, resulting in improved app performance and user satisfaction
- Enhanced and refactored legacy iOS codebases to improve performance, readability, and maintainability, with a strong focus on memory management and optimization techniques to reduce app crashes and memory leaks.

Senior Mobile Developer (IOS) at Hud Systems Company (Mar 2018 to May 2018)

- Developed and maintained a VoIP-based meeting application for iOS, integrating real-time communication features to support audio and video conferencing with a focus on call stability and low-latency performance.

(Part time) IOS Developer at El-Tahrir News (Mar 2016 to Jan 2018)

- Built a native iOS news aggregator app from scratch, integrating advanced encryption mechanisms using C++ and C libraries for secure data handling and transmission, ensuring both performance and security compliance.

Senior Mobile Developer (iOS & Android) at NichePharma Company (May 2014 to Mar 2018)

- Designed and developed native-platform mobile frameworks and reusable components to streamline development, reduce redundancy, and accelerate product delivery – cutting development time significantly through a custom design system and automated app-building processes.
- Implemented complex charting and data visualization features (e.g., bars and animated charts) using system files and network data, ensuring high performance and smooth user interactions.

Junior iOS Developer at Tarakeeb Company (Oct 2013 to May 2014)

- Contributed to developing multiple iOS applications in the medical field, and worked on the Tradeline store APP, focusing on implementing core features, UI components, and ensuring adherence to functional and regulatory requirements.

Leader Volunteer at Sonaa El-Hayat (Aug 2012 to 2018)

Core Skills

Programming Languages & Frameworks:

Swift, Objective-C, UIKit & SwiftUI, Combine Framework, Core Animation, iOS ML Kit, Maps SDK & Location Services, Socket.IO, Firebase (Realtime Database, Authentication, Cloud Functions), API Integration (RESTful APIs, GraphQL)

Development Practices & Methodologies:

Test-Driven Development (TDD), Unit & UI Testing (XCTest, XCTest UI), Design Patterns (MVC, MVVM, Singleton, Factory), Agile Methodologies (Scrum, Kanban), Architectural Design (MVVM, VIPER, Clean Architecture), Continuous Integration/Continuous Deployment (CI/CD), Automated Build & Deployment (Fastlane, Xcode cloud, GitHub actions, GitLab CI)

Project & Team Management:

Team Management & Leadership, Code Reviews & Mentorship, Cross-functional Collaboration (Product, Design, QA, Backend), Project Management (Jira, Trello)

App Performance & Optimization:

App Performance Optimization, Memory Management & App ARC, Performance Profiling (Instruments, Xcode Profiler)

Security & Compliance:

Security Best Practices (App Transport Security, Data Encryption), App Store Guidelines & Publishing

Version Control & Cloud Services:

Git & Version Control, Cloud Services (AWS, Azure, Google Cloud)

Other Skills

- Network Attached Storage (NAS)
- Relational Databases (SQL), NoSQL Databases (MongoDB)

Personal Data

Date of Birth: 23rd of July 1991

Location: October, Giza, Egypt

Education

Highest University Degree: MSC Year: 2012

Graduation Project: Excellent

Graduation Year: 2012

For more info please visit: www.yahia-eldow.com