

# ABDELRAHMAN ELSAYED

iOS Software Engineer

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## Technology

- Swift, Kotlin, React, JS, Java.
- Frameworks: SwiftUI, UIKit, CoreData, MapKit.
- Tools: JIRA, Confluence, Stash, Proxyman, Postman, Charles, Jenkins, SonarQube

## Work Experience

### **Lowe's Companies, Inc | Remote**

Software Engineer | October 2021 - Present

Software Engineering Intern | May 2021 - August 2021

- Led partial iOS app modernization, converting almost 40% of legacy UIKit modules to SwiftUI, reducing app load time by 22% and improving memory efficiency by 35%.
- Implemented Google Ad Manager banner integration inside the search page, generating an additional 10% in direct mobile revenue within the first quarter post-implementation.
- Led partial migration and integration of a newly developed in-house advanced analytics SDK, increasing user engagement metrics by 15% and providing actionable insights that informed product strategy decisions.
- Optimized cross-functional collaboration, reducing feature delivery time by 30% through streamlined communication processes with Android, Backend, Business, and Design teams.
- Created and maintained comprehensive technical documentation, reducing onboarding time for new team members and improving knowledge transfer efficiency.
- Maintained exceptional code quality with a 95% pass rate in peer code reviews and zero critical bugs in production for 6 consecutive months.

### **Digital Tectonics, LLC | Remote**

Software Engineer Contractor | October 2022 – June 2024

- Rebuilt core app architecture using SwiftUI, optimizing rendering and leveraging modern iOS design patterns
- Engineered a comprehensive component library that standardized our UI toolkit across multiple projects
- Implemented robust unit testing strategy, leveraging dependency injection and protocol-oriented programming to ensure code reliability
- Maintained direct client relationships, translating complex technical requirements into clean, effective software solutions

## Education

College of Staten Island - City University of New York | 2018 - 2021

- Bachelor of Computer Science - Software Engineering
- Marketing Minor