Palazzo S

iOS Developer, 5+ years experience
Montreal, Canada
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iOS Developer with 3+ years experience of bringing ideas to life, and passionate about creating impactful mobile applications. Always motivated to learn new skills and currently expanding my knowledge of cross platform development and React Native using resources by Meta.

INDUSTRIES: Travel, Healthcare

TECHNICAL SKILLS

• CI CD	6 years
• Design Patterns	6 years
• Automation Testing	6 years
• Swift5	4 years
• iOS Development	4 years

SOFT SKILLS

Teamwork, Communication, Problem-solving, Leadership

PROJECT DETAILS

• Expedia iOS app — July-2021 - October-2021

Project Description: The Expedia iOS app offers seamless travel booking experiences, allowing users to browse and book flights, hotels, and activities worldwide.
Responsibilities: Developed a comprehensive framework based on MapKit, enhancing the functionalities of the interactive maps and increasing the user experience for over 5+ million users of the mobile application.
Technologies: Swift, Xcode, XCTest, MVC, MVVM
Industry: Travel

• Navigator iOS — November-2021 - November-2023

Project Description: A customer-facing iOS mobile app that is used within the Canadian public healthcare system by thousands of users daily.
Responsibilities: Implemented and delivered new features and functionalities for the Navigator iOS app, contributing to regular production releases and enhancing the overall user experience.
Technologies: Swift, SwiftUI, React Native, Firebase, Xcode, XCTest, MVC, MVVM, Viper
Industry: Healthcare

EMPLOYMENT HISTORY

• iOS Developer November-2021 - November-2023

Description: Developed an API to explore the "Verifiable Credentials Data Model" showcasing innovation in digital identity and access management technologies, resulting in being selected among the companies participating in the Ontario Digital ID project. Resolved scalability concerns by migrating the UI from storyboards to a programmatic approach with UIKit and SwiftUI. This involved refactoring the architecture from Viper to MVVM, resulting in a 35% reduction in future development time. Addressed a performance bottleneck by leveraging Xcode Instruments to profile and optimize the application's real-time performance. The outcome ensured streamlined and responsive user experiences, increasing customer satisfaction. Enhanced the functionality of a package dependency, addressing the need for a new feature. Validated and transformed numerous XCTest unit tests from Objective-C to Swift, resulting in improved package readability and maintainability. Played a pivotal role in improving code quality and project success through active participation in code reviews, technical design discussions, technical estimations, roadmap planning and the creation of comprehensive developer documentation. Refactored the production code, eliminating Realm DB dependencies from the project, resulting in improved performance.

• iOS Developer July-2021 - October-2021

Alten

Description: Developed a feature for the Expedia iOS app, a comprehensive framework based on MapKit, enhancing the functionalities on the interactive maps and increasing the user experience for over 5+ million users of the mobile application. Implemented an adapter to enable communication between the framework and the existing zoom algorithm interface. Integrated the framework seamlessly into the production app. The conducted A/B testing demonstrated a significant 15% increase in user engagement.

• iOS Developer November-2020 - June-2021

BNT Solutions

Description: Developed a real-time chat feature using Firebase's NoSQL Database, leading the process from concept to successful deployment on the Apple App Store, delivering valuable functionality to the client app, increasing customer satisfaction. Designed and implemented a custom package for Swift Package Manager using Firebase SDK, resulting in functional enhancements for three client applications, increasing reusability and reducing code duplication by approximately 30%. Implemented a streamlined and efficient continuous integration and continuous deployment (CI/CD) pipeline using Fastlane, reducing manual intervention and enhancing the overall development workflow for iOS applications.

• Software Tester QA May-2019 - January-2020

Radix DLT

Description: Demonstrated my ability to address intricImplemented automated UI tests utilizing Appium and Java to evaluate the functionality and performance of the cryptocurrency wallet mobile application, ensuring a robust and reliable user experience. Implemented a streamlined CI/CD pipeline, contributing to a 50% reduction in unit test execution time. Automated the test environment using Python, saving 20% of the tester’s time by automating repetitive tasks. ate challenges and promote innovative solutions in alignment with the company's mission of reshaping decentralized finance and cryptocurrency technology.

• Software Tester QA February-2018 - April-2019

IPSoft

Description: Developed a comprehensive test suite of Regression and User Acceptance Tests to ensure thorough coverage and robust validation of software functionalities throughout the development lifecycle. Achieved enhanced communication and alignment of goals among developers, testers, and non-technical stakeholders by fostering a collaborative environment and shared understanding of project objectives and milestones.

• Javascript Developer May-2016 - January-2018

IPSoft

Description: Developed a JavaScript and HTML codebase, enabling real-time monitoring and control of services across a network of 1000+ “Configuration Items (CIs)”. This instrumental contribution resulted in an impressive 17% improvement in operational efficiency and service delivery for a key client.

CERTIFICATION

• ISTQB by International Software Testing Qualifications Board 2018

EDUCATION

• Diploma degree in AEC from LaSalle 2019 - 2020

LANGUAGES

• English - native

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