

Joseph McGettigan OBrien

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EXPERIENCE

VML Enterprise Solutions (formerly Wunderman Thompson Mobile)

June 2020 - August 2024

iOS, tvOS, and React Native Developer

Denver, Colorado

- Led a comprehensive user interface overhaul for the ConEdison and Orange&Rockland iOS apps, ensuring alignment with Apple's Human Interface Guidelines for Accessibility. This initiative improved the user experience for all users, contributing to a 4.8-star rating on the App Store.
- Worked with backend teams and international developers to integrate RESTful APIs for the ConEdison, Orange&Rockland, and Berkshire Hathaway Energy mobile applications.
- Original team member for the March Madness Live iOS and tvOS app rewrites, completing the full rebuild in under a year and delivering it ahead of the 2021 tournament.
- Integrated GraphQL API alongside Apple's Combine framework, ensuring fast and efficient data flow for real-time updates to the user interface. Helping March Madness Live sustain its position at the top of the App Store every Spring and achieve a 4.7 rating with more than half a million reviews.
- Assisted in onboarding new developers for ConEdison, Orange&Rockland, and March Madness Live applications, boosting productivity and team velocity.
- Worked alongside international developers to complete the ground-up build of the Berkshire Hathaway Energy iOS and Android applications using React Native for cross-platform development.

Wunderman Thompson Mobile (formerly Possible Mobile)

August 2018 – June 2020

Associate iOS Developer

Denver, Colorado

- Developed and maintained features for the Official NBA app for iOS and tvOS.
- Assisted in onboarding new developers, guiding them through project processes, structure, and best practices to ensure smooth integration and team efficiency.
- Investigated crash reports and device logs to diagnose issues, implementing fixes that reduced app crashes by approximately 40%, enhancing stability and user experience.
- Implemented and enhanced user analytics, driving increased engagement, monetization, and overall app performance.
- Eliminated over 64,000 lines of code by removing unused frameworks and files, resulting in improved build and launch times, reduced app size, and enhanced maintainability.

Possible Mobile

May 2018 – August 2018

Intern iOS Developer

Denver, Colorado

- Joined the iOS development team for the Official NBA app, contributing within an Agile environment and gaining valuable insight into the mobile application development and delivery life cycle.
- Cultivated strong code review skills by both providing and receiving constructive feedback to ensure high-quality, maintainable code.

EDUCATION

Colorado School of Mines

Bachelor of Science in Computer Science

Golden, Colorado

PROJECTS

Front-end Application for Independent Film | JavaScript, HTML, CSS

December 2020

- Developed a web app that played a critical part in The Immaculate Room, an independent film.
- Collaborated with members of the production team to ensure the app's functionality aligned with the film's storyline, providing meaningful interactions for the characters.

TECHNICAL SKILLS

Languages: Swift, Objective-C, TypeScript, HTML/CSS, JavaScript, Python, Dart, Rust, C++, Ruby, Bash, Zsh

iOS Frameworks: UIKit, SwiftUI, Combine, CoreData, SwiftData, AVFoundation, URLSession, Codable, UserDefaults, XCTest

iOS Concepts: State Management, Concurrency and Multithreading, Caching Strategies, Memory Management, Localization

Accessibility: Dynamic Type, VoiceOver, AssistiveTouch, Testing

Design Patterns: MVVM, MVC, MVP, Coordinator, Redux

Cross-Platform and Web Frameworks: React Native (including Expo), Flutter, React (including Next.js)

IDEs and Testing Tools: Xcode, VSCode, Android Studio, Proxyman, Charles, Postman

Package Management: Swift Package Manager, CocoaPods, NPM, Yarn

Backend and API: GraphQL, REST, JSON, Firebase, Spring Boot

DevOps: Git, GitHub, Jenkins, GitHub Actions, WebHooks, Docker, JIRA, Azure DevOps, Slack

Data Storage: SQLite, PostgreSQL, MongoDB, Redis

Cloud Services: AWS - Route53, S3, CloudFront, EC2, Amplify

Collaboration Tools: Agile Frameworks and Methodologies, Confluence, Figma, Zeplin, Microsoft Teams

Security: OAuth, JWT, Encryption