Joseph McGettigan OBrien

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Seasoned Mobile Engineer with a 6+ year track record of developing high-impact iOS, tvOS, and React Native applications for millions of users.

EXPERIENCE

Principal Engineer—Frontend   **June 2025—Present**
Recess Technologies   *Denver, Colorado*
- Leading frontend design, development, and deployment of a cross-platform mobile application using Expo for React Native.
- Driving adoption of AI-powered development tools utilizing specialized agents to accelerate development velocity and code quality.
- Establishing technical standards, development workflows, and CI/CD pipelines and providing guidance to a growing development team.

React Native Developer   **August 2023—August 2024**
VML Enterprise Solutions   *Denver, Colorado*
- Collaborated with a globally distributed team on the initial build of Berkshire Hathaway Energy's mobile platform.
- Curated a highly reusable codebase designed for use across four distinct Berkshire Hathaway affiliates for both iOS and Android.
- Integrated RESTful APIs and worked closely with the client's backend team to resolve inconsistencies.
- Demonstrated adaptability and efficiency by rapidly developing critical features while learning React Native development.

iOS Developer   **May 2021—August 2023**
VML Enterprise Solutions   *Denver, Colorado*
- Spearheaded UI/Accessibility improvements for the ConEdison iOS app serving 3.6M customers including New York City. Introduced Dynamic Type, accessible color palettes, enhanced VoiceOver functionality, and reworked shared components to improve performance and experience for all users.
- Led 2 other team members on subsequent feature development to ensure standards were upheld and helped maintain a 4.8 App Store rating.
- Improved error messaging and form validation for account management, outage reporting, and payment flows of the ConEdison app.
- Organized presentations and demonstrated updated application features to client team and internal stakeholders.
- Collaborated with client and internal teams to seamlessly integrate a new RESTful API into the existing ConEdison iOS application codebase.
- Facilitated communication with clients and quality assurance engineers to report and resolve bugs, performance issues, and design inconsistencies.

iOS and tvOS Developer   **June 2020—May 2021**
VML Enterprise Solutions   *Denver, Colorado*
- Drove core development of iOS and tvOS applications for *March Madness Live*, taking technical ownership during critical phases of the project and leading 3 other developers. App was completely rebuilt and delivered in well under a year and serves as the official app for *NCAA March Madness*.
- Coordinated with internal and client team members resolving discrepancies and preserving integrity of project requirements and resources.
- Integrated a GraphQL API by utilizing Apple's Combine framework to ensure fast, efficient data flow and real-time updates for *March Madness Live*, helped sustain a 4.7 App Store rating with over half a million reviews.
- Guided and mentored new team members into fast-paced projects with tight development schedules, taking ownership of team coordination to accelerate ramp-up and velocity across multiple major apps.

Associate iOS and tvOS Developer   **August 2018—June 2020**
VML Enterprise Solutions   *Denver, Colorado*
- Developed and maintained features for the official iOS app of the National Basketball Association.
- Took ownership of application Chromecast and AirPlay features, improving user experience and managing external dependencies.
- Reduced app crashes by approximately 40 percent using analytics and device log data to identify and fix issues.
- Implemented user analytics and leveraged data to drive 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.

Intern iOS Developer   **May 2018—August 2018**
VML Enterprise Solutions   *Denver, Colorado*
- Joined the iOS development team for the official iOS app of the NBA and contributed within an Agile environment, 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

Web Application for Independent Film | *JavaScript, HTML, CSS*   **December 2020**
- Developed a static web app vital to the narrative of the 2022 film *The Immaculate Room*.

Microservice Testing Tool | *Java, Spring Boot, SQLite, Swagger (OpenAPI)*   **June 2019**
- Developed a tool that parses OpenAPI specifications and generates functional mock APIs to aid in debugging tightly coupled microservices.

TECHNICAL SKILLS

Languages: Swift, Objective-C, TypeScript, JavaScript, Python, Ruby, Groovy, HTML, CSS, XML
Package Management: Swift Package Manager, CocoaPods, Carthage, NPM, Yarn
Development Tools: Xcode, VSCode, Proxyman, Charles, Postman, Zsh, Bash, Android Studio, Copilot, Claude Code
DevOps and Automation: Git, GitHub, Jenkins, GitHub Actions, Firebase, Fastlane, Webhooks, Docker, Kubernetes, Vite
Architecture and Patterns: MVVM, MVC, VIPER, Coordinator, Redux, Delegate, Observer, Singleton, Target-Action, NotificationCenter
Testing Frameworks: XCTest, Jest, React Native Testing Library
Apple UI Development: UIKit, SwiftUI, AVFoundation, UserNotifications, Auto Layout, Interface Builder, Animations, Appearance and Trait Collections, Deep Linking, Push Notifications, Form Validation, Payment and Authentication Flows
Accessibility: Dynamic Type, VoiceOver, AssistiveTouch, Testing for Human Interface Guidelines Compliance
React Native Development: Expo SDK, React Native CLI, Tailwind, Storybook, NativeBase, Flexbox, React Navigation, LegendState, TanStack, ESLint, Prettier, Metro, Babel, Webpack
Networking: URLSession, REST, GraphQL, WebSockets, URLCache, Axios, Supabase, Spring Boot, OpenAPI, Flask
Security: OAuth, JWT, CryptoKit, LocalAuthentication, Apple Security framework
Data Serialization and Storage: YAML, JSON, Codable, CoreData, UserDefaults, NSCache, FileManager, SQLite, PostgreSQL
Concurrency and Scheduling: Swift Concurrency, Grand Central Dispatch (GCD), Combine, NSOperationQueue, BackgroundTasks
Cloud Services: AWS—Route53, S3, CloudFront, EC2, Amplify
Collaboration Tools: Agile Frameworks and Methodologies, JIRA, Confluence, Azure DevOps, Slack, Microsoft Teams, Figma, Zeplin