William Spiegel

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Skills

- **Programming Languages**: C, C#, CSS, Dart, HTML, Java, JavaScript, Objective-C, OCaml, Python, Ruby, Swift, TypeScript
- **Frameworks & Libraries**: Android SDK, Bevy, Flutter, Godot, iOS SDK, React, React Native, React Query, Redux, Redux-Saga, Ruby on Rails, Unity
- **Tools**: Atom, Eclipse, Git + GitHub + GitLab, IntelliJ IDEA, Pycharm, SublimeText, UNIX, VSCode, WebStorm, Zed
- **Databases**: MySQL, PostgreSQL

Work Experience

Empower Retirement   **Remote (Denver, CO)**
Lead Engineer Mobile   Oct 2021 — Present
- Led feature migration from React Native to Android Native (Kotlin/Java), converting Disclosures, Contributions, and Transaction History features; co-authored the Withdrawals feature and many more.
- Conducted technical interviews for Android developer candidates, contributing to team growth from a single mobile team to several cross-functional mobile teams.
- Implemented new features and bug fixes across Empower RET and partner white-label apps for Capital Group, JP Morgan, and Metlife.
- Contributed bug fixes and feature enhancements for iOS (Swift/Objective-C), supporting cross-platform mobile development efforts.
- Utilized React Native with Redux and Redux-Saga for state management; later transitioned to Android SDK with Kotlin.
- Configured Continuous Deployment pipelines using Fastlane and GitLab Runner for streamlined app releases to QA and production.
- Followed Agile/Scrum methodology with CI/CD best practices for day-to-day mobile development workflow.

EagleForce   **Herndon, VA**
React Native Developer   Jan 2020 — Oct 2021
- Led the development of MIMI-Rx and MyVax mobile apps using React Native, delivering updates to thousands of customers via App Store and Play Store.
- Built RESTful APIs using Ruby on Rails for autonomous insurance claim filing.
- Integrated React Native Web and React Query during a full app rewrite.

Education

University of Maryland   Aug 2015 — May 2019
Bachelor's Degree

Projects

Portfolio Site   https://www.wspiegel.com
JavaScript (ES6), Netlify, SolidJS
My latest portfolio site with auto-deployment from GitHub using Netlify.

Swipey for Reddit (Flutter)   https://github.com/williamspiegel/Swipey-Flutter
Android, Dart, Flutter, iOS, MacOS, Web, Windows
Cross-platform Reddit app designed around viewing posts in a carousel orientation using swipe gestures (currently defunct due to Reddit API changes)

Swipey for Reddit (React Native)   https://github.com/williamspiegel/Swipey
Android, iOS, React Native, TypeScript