WILLIAM KINGSLEY

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TECHNICAL SKILLS

Programming Languages: Kotlin, Java, Swift, Python, React, C#, SQL, JavaScript

Frameworks & Libraries: Compose, Kotlin Multiplatform, Paging3, Navigation, Voyager, Retrofit, Hilt, Dagger, Kodein, Room, Sqlite, Jetpack, OkHttp, Security, WorkManager, CameraX, Caffeine, Coroutines, Material, Gson, Moshi, DataStore, Hypergate, ZXing, Firebase, BLE, Coil, MQTT, OAuth2, Bluetooth, Gradle, Mockk, JUnit, Accompanist, LaunchDarkly, Espresso, Mokkery, SQLDelight, Ktor, SwiftUI, React Native

Android Architecture: MVVM, Clean, MVI, Multi-Module, MVC, MVP

Tools & Platforms: Android Studio, Fleet, Xcode, Visual Studio, Azure DevOps, Jira, Git, Teams, Slack, Charles, Bitbucket, Bitrise, OneSignal, BugSnag, Postman, GitLab, Figma, Lucidchart, Microsoft Office, Linear

WORK EXPERIENCE

Midwestern Interactive | *Mobile Engineer*   Nov. 2023 – present
- Spearheaded development of **You.com's mobile app**, surpassing **1M**+ downloads on Google Play
- Led the adoption of Kotlin Multiplatform to create a unified codebase, accelerating feature rollouts
- Implemented unit tests from scratch, elevating test coverage from **0%** to **40%** in just two months, significantly improving release quality and reducing production crash rates by **42%**
- Optimized release workflows to shorten deployment cycles and bolster overall app reliability
- Drove cross-functional collaboration to refine user journeys, integrated advanced analytics, and promoted data-driven decision-making

Land id™ | *Senior Software Engineer*   June 2023 – Nov. 2023
- Engineered the **Land id™ Android** app, achieving **100,000**+ downloads and bolstering market presence
- Built interactive mapping solutions using Mapbox SDK for Discover and My Maps features, enabling geospatial functionality and improving user engagement, delivering improved location-based insights
- Advised stakeholders on architectural improvements and iterative UI refinements, significantly reducing user-critical bugs and support incidents while boosting overall user satisfaction

care.ai | *Senior Mobile Engineer*   Jan. 2023 – June 2023
- Delivered IoT device features and fixes, improving workflows for **1,500**+ healthcare providers
- Implemented static code analysis and linting tools, improving code quality across multiple repositories
- Developed onboarding and procedural documentation for the Android team, accelerating new-hire ramp-up and promoted development best practices

InRhythm | *Senior Android Engineer*   Feb. 2022 – Jan. 2023
- Developed the **Fidelity Bloom Android** app, empowering **100,000**+ users to cultivate better saving and spending habits through personalized and fun QA challenges and financial insights
- Implemented a multi-module architecture with Android best practices, increasing feature scalability
- Collaborated closely with cross-functional teams to deliver the Home, Save, Spend, and QA Challenges features, enhancing overall user engagement and in-app experiences

Northrop Grumman Corporation | *Software Engineer*   Mar. 2020 – Feb. 2022
- Created **6**+ **Enterprise Service** Android apps to streamline operations for **30,000**+ employees
- Spearheaded single sign-on leveraging OAuth2, improving end-user productivity and adoption rates
- Developed web interfaces and auditing systems for the **B-21 Raider** project, enhancing data integrity

EDUCATION

Master of Science in Computer Science | *Georgia Institute of Technology*

Bachelor of Science in Computer Science | *Montana State University*

Associate of Science in General Education | *Great Falls College Montana State University*

For more information about my work, visit my website at: https://williamkingsley.com