

# WILLIAM KINGSLEY

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## TECHNICAL SKILLS

**Programming Languages:** Kotlin (7+ years), Java (5+ years), Swift (2+ years), SQL (7+ years)

**Libraries & Frameworks:** Android Jetpack, Compose, Retrofit, OkHttp, Kodein, Coil, Dagger, Koin, Caffeine, Gson, Moshi, Firebase, Gradle, Mockk, JUnit, LeakCanary, LaunchDarkly, Espresso, Mockery, Mockito, Robolectric, Kotlin Multiplatform, Voyager, Ktor, Sqlite, Accompanist, SQLDelight

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

**Tools & Platforms:** Android Studio, Fleet, Google Play, Jira, Linear, Azure DevOps, Git, Teams, Slack, Charles, Bitbucket, Bitrise, OneSignal, BugSnag, Postman, GitLab, Scuba, Figma, Lucidchart

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## WORK EXPERIENCE

**Midwestern Interactive** | *Senior Mobile Engineer*

Nov. 2023 – present

- Spearheaded the development of **You.com's mobile app** by implementing Kotlin Multiplatform, reducing time-to-market by **31%** and driving a **27%** increase in daily active users
- Implemented a multiplatform testing strategy that increased test coverage from **0%** to **40%** in two months, resulting in higher-quality releases and a **38%** reduction in production crash rates
- Streamlined CI/CD pipelines by automating production releases with Bitrise, while ensuring continuous release quality through integrated linters, regression tests, and regular fuzzing tests
- Collaborated closely with cross-functional teams (design, analytics, business) to refine user journeys, translating feature usage analytics into actionable insights, driving an **18%** uptick in premium purchases

**Land id™** | *Senior Software Engineer*

June 2023 – Nov. 2023

- Engineered the **Land id™ Android** to provide a rich mapping experience for **100,000+** users
- Built interactive mapping solutions and led rebranding efforts, increasing user satisfaction by **23%**
- Advised stakeholders on architectural improvements to reduce technical debt and proposed iterative UI refinements to reduce Mapbox rendering issues and production support incidents

**care.ai** | *Senior Mobile Engineer*

Jan. 2023 – June 2023

- Developed Android apps for IoT devices, improving patient monitoring for **1,500+** healthcare providers
- Implemented static code analysis and linting across multiple repositories, reducing high-severity errors by **16%** and introduced obfuscation measures using ProGuard to mitigate reverse-engineering threats
- Authored in-depth onboarding and procedural documentation for new Android hires, accelerating ramp-up by **2 weeks** and fostered a consistent, quality-first development process

**InRhythm** | *Senior Android Engineer*

Feb. 2022 – Jan. 2023

- Developed the **Fidelity Bloom Android** app from the ground up using a multi-module architecture, enabling rapid post-launch feature deployment and achieving **100,000+** downloads after release
- Developed Home, Save, Spend, and QA Challenges features in collaboration with design and business teams, delivering an intuitive user journey and financially insightful in-app experience
- Raised code coverage by **15%** using Mockk and JUnit, significantly reducing production defects

**Northrop Grumman Corporation** | *Software Engineer*

Mar. 2020 – Feb. 2022

- Delivered **6+ Enterprise Service** Android apps streamlining operations for **30,000+** employees
  - Created a custom OAuth2 library for Android, boosting end-user productivity and adoption
  - Built async web interfaces and auditing systems for the **B-21 Raider** project, enhancing data integrity
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## 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>