

# Abhishek Sheshagiri

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Senior Android Engineer with 9+ years of experience delivering high-impact mobile solutions and technical strategy using Kotlin, Jetpack Compose, and MVVM/MVI architectures. Known for building scalable, user-focused applications supporting 1M+ users and driving technical initiatives that accelerate product growth. Expert in end-to-end feature development, clean architecture design, and performance optimization. Proficient at improving engineering velocity, enforcing high code quality standards, and mentoring teams in agile, cross-functional environments

## SKILLS

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Kotlin, Jetpack Compose, MVVM, MVI, ViewModel, LiveData, Room, Navigation, Coroutines & Flows, Dependency Injection (Hilt/Dagger), GraphQL, Retrofit, Unit Testing (JUnit, Mockito), UI Testing (Espresso), RESTful APIs, Git, CI/CD, Modularization, Clean Architecture, Firebase, Analytics, Remote Config Experiments, A/B Testing, Test-Driven Development (TDD), Android SDKs

## WORK EXPERIENCES

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**Walmart (Contract) | Senior Android Engineer**

**Sept 2025 - Present**

- Developing an in-house UI-design SDK that uses Jetpack Compose with Kotlin, that caters to the entire Walmart suite of apps
- Reduced the build time of the apps by 30% by caching the builds on a remote cache using devLOCITY, and improved the runtime of the debug builds by 40%

**ParkMobile | Senior Android Engineer**

**Aug 2022 - July 2025**

- Led end-to-end development of 3PA login and multi-factor auth features to enhance security, incorporating testing, analytics, and A/B testing via feature flag experiments, resulting in a 35% reduction in user drop-offs in a 1.5M DAU application
- Architected a reusable design system, Rally, using Android's Material 3 SDK and Jetpack Compose guidelines that eliminated 85% of repetitive UI code, reduced app size by 78%, and increased developer velocity by 80%
- Engineered the Reservation SDK feature from planning to release, collaborating with designers, PMs, and data analysts to align launch with user behavior insights and product goals, resulting in a 6% annual revenue increase
- Refactored legacy MVP/MVVM codebases into modern MVI (UDF architecture with Compose Navigation), leading to a 70% boost in app performance and achieving 99.99% crash-free stability with an increase in code-review efficiency for developers

**ReachMobi | Android Engineer**

**Aug 2020 - Aug 2022**

- Built and deployed a Kotlin-based in-house analytics library adopted across 15 Android apps, significantly improving data accuracy and streamlining reporting across the organization
- Optimized the performance of a high-traffic Android Launcher, driving a 45% increase in default selection rate and 78% YoY boost in Day 0/Day 1 retention for 1M+ DAUs, contributing to a Play Store rating jump from 4.0 to 4.6 on 10M+ installs
- Mentored new graduate Android developers through daily technical guidance, accelerating onboarding, boosting confidence, and improving team delivery velocity

**University of Illinois, Springfield | Software Engineer, Mobile**

**Aug 2019 - May 2020**

- Developed a fitness-tracking Android app in Kotlin, delivering real-time features like distance covered, calories burned, and session duration using Google Maps SDK, GPS, and Weather API integration

**Radiant IT World, Pyplyn, Anugraha Computers | Android Developer**

**Experiences in India | Aug 2015 - Nov 2018**

- Developed an image-sensing Android app for farmers to assess crop health and detect pest presence, collaborating with cross-functional teams and conducting user research to deliver tailored, field-tested solutions based on agricultural needs

## EDUCATION

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**University of Illinois, Springfield, IL | Master's in Computer Science**

**J N N C E, Shivamogga, India | Bachelor's in Computer Science**

## PERSONAL APPS

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Motor Insurance Premium Calculator | [Link to the app](#) | KOTLIN, MVVM, ANALYTICS, GOOGLE ADS