🎂 April 11, 1999

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Harsh Shandilya
Android and Kotlin engineer

I bring 5+ years of active work on Android apps and libraries of all sizes varying from basic CRUD apps to complex platform-level theming engines. I have experience working with teams of small to medium sizes and love having flexibility in my scope of work to pursue things like developer productivity, automation and release engineering.

SKILLS

Kotlin and Java
6 years of practical experience and expert level knowledge

Rust
Comfortable contributing in small to medium sized projects

Gradle
Fairly in-depth understanding of how to manage and optimize builds

Nix/NixOS
Comfortable setting up hermetic development environments with Nix and have a fairly strong grasp on the language

LANGUAGES

English
Full working proficiency

Hindi
Full working proficiency

WORK EXPERIENCE

Obvious Ventures Private Limited
Product Engineer (January 10, 2021 - November 10, 2022)

Worked with clients like Swiggy and Slice to build their Android design systems from scratch, onboarding teams to both adopting the design system as well as maintaining it themselves. The projects involved building custom components from scratch, setting up exhaustive catalog apps to exercise their various configurations as well as release engineering to support continuous deployment that allowed fixes and new components to reach the teams faster and reliably.

🔗 **https://obvious.in**

Navana Tech India Private Limited.
Android Engineer (February 29, 2020 - December 30, 2020)

I worked on building the client-facing SDKs for Navana's chatbot product. I was responsible for championing the move to server-driven, declarative UIs to simplify supporting the myriad of different language-specific configurations the SDK was expected to handle.

🔗 **https://navana.ai**

Projekt Development LLC
Android Engineer (July 04, 2017 - August 11, 2019)

I was hired by Projekt to support my OSS work on their flagship product substratum which I eventually grew to become the lead maintainer of, handling the project roadmap, release engineering, and customer and developer support. I was also an active development contributor in Projekt's other products like Hyperion, and Andromeda as they were being developed.

🔗 **https://prjkt.io/**

PROJECTS

Android Password Store
Android client for pass, the standard UNIX password manager (October 10, 2018 - Present)

I discovered APS through a personal need and quickly realized that it lacked active maintenance. Since I took over maintenance of this project, I have personally championed massive user-facing and developer-oriented improvements rewriting the app in Kotlin, modularizing the codebase, introduce unit tests for complex features, revamping the UI to match Material guidelines, introducing features like Autofill and as of late, migrating the app to a better maintained PGP library for improved UX and security.

🔗 **https://github.com/android-password-store/Android-Password-Store**

Claw
Android client for the lobste.rs link aggregation community (August 21, 2020 - Present)

Claw started life as a read-only client for the lobste.rs link aggregation community and served as an on-ramp for Jetpack Compose and Kotlin Multiplatform. Teething problems with Compose Multiplatform forced me to rebuild it as an Android-only app which it has remained since then and continues to be a test bed for new libraries, automation and architecture patterns.

🔗 **https://msfjarvis.dev/g/compose-lobsters**

WireGuard
Android client for the WireGuard VPN protocol (April 26, 2018 - Present)

On WireGuard I refactored the existing code up to modern standards, improved the UI while retaining its minimal aesthetic and now mostly focus on keeping up with Android platform changes.

🔗 **https://www.wireguard.com/**

Rust tools
Variety of small tools built in Rust to simplify day to day tasks

While learning Rust I used it to build out a variety of tools that scratch very specific itches. I wrote adx to quickly find available versions of AndroidX libraries which was relevant to my Android needs, and twt allows me archive media from interesting Twitter accounts.

🔗 **https://github.com/msfjarvis?tab=repositories&language=rust**