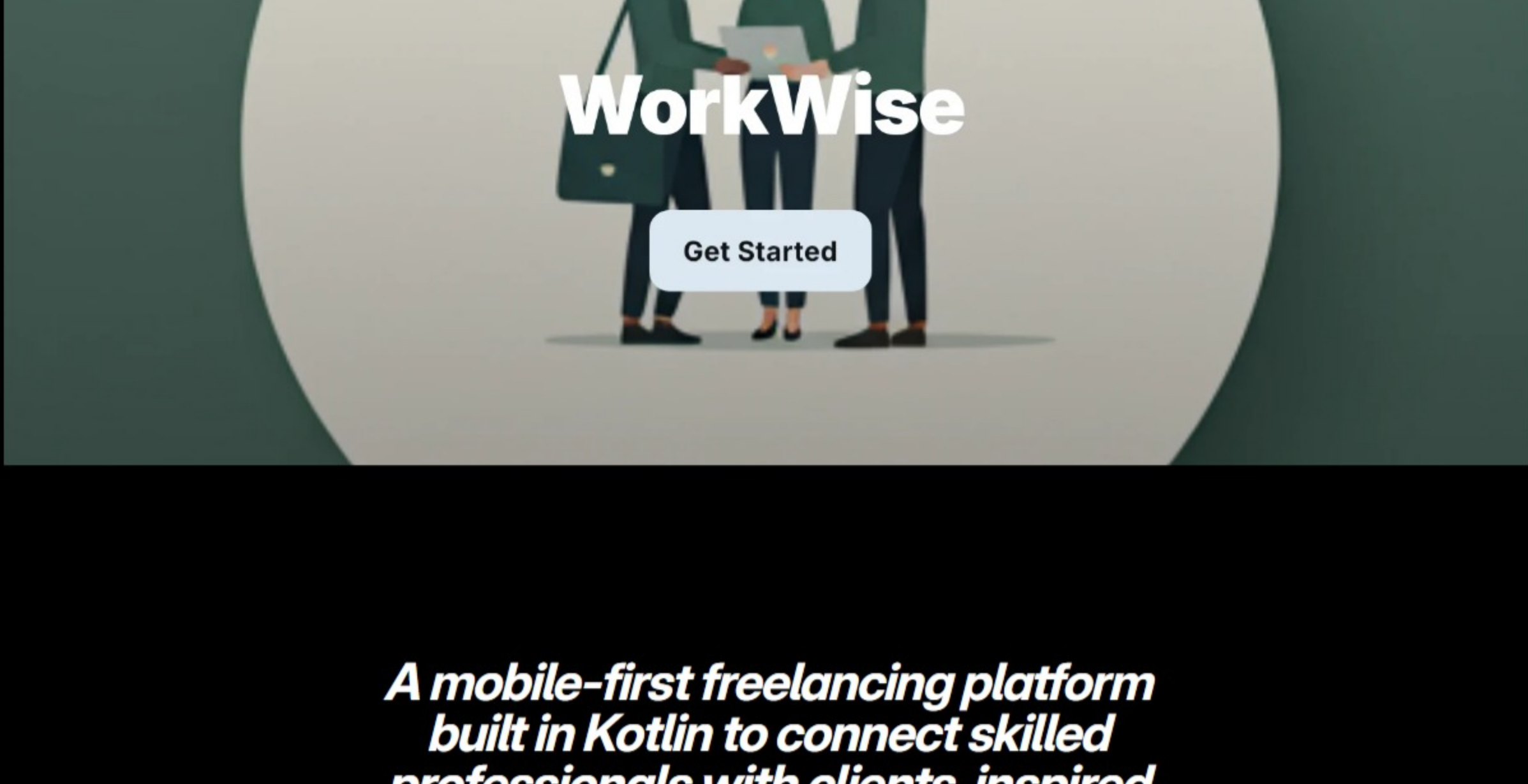
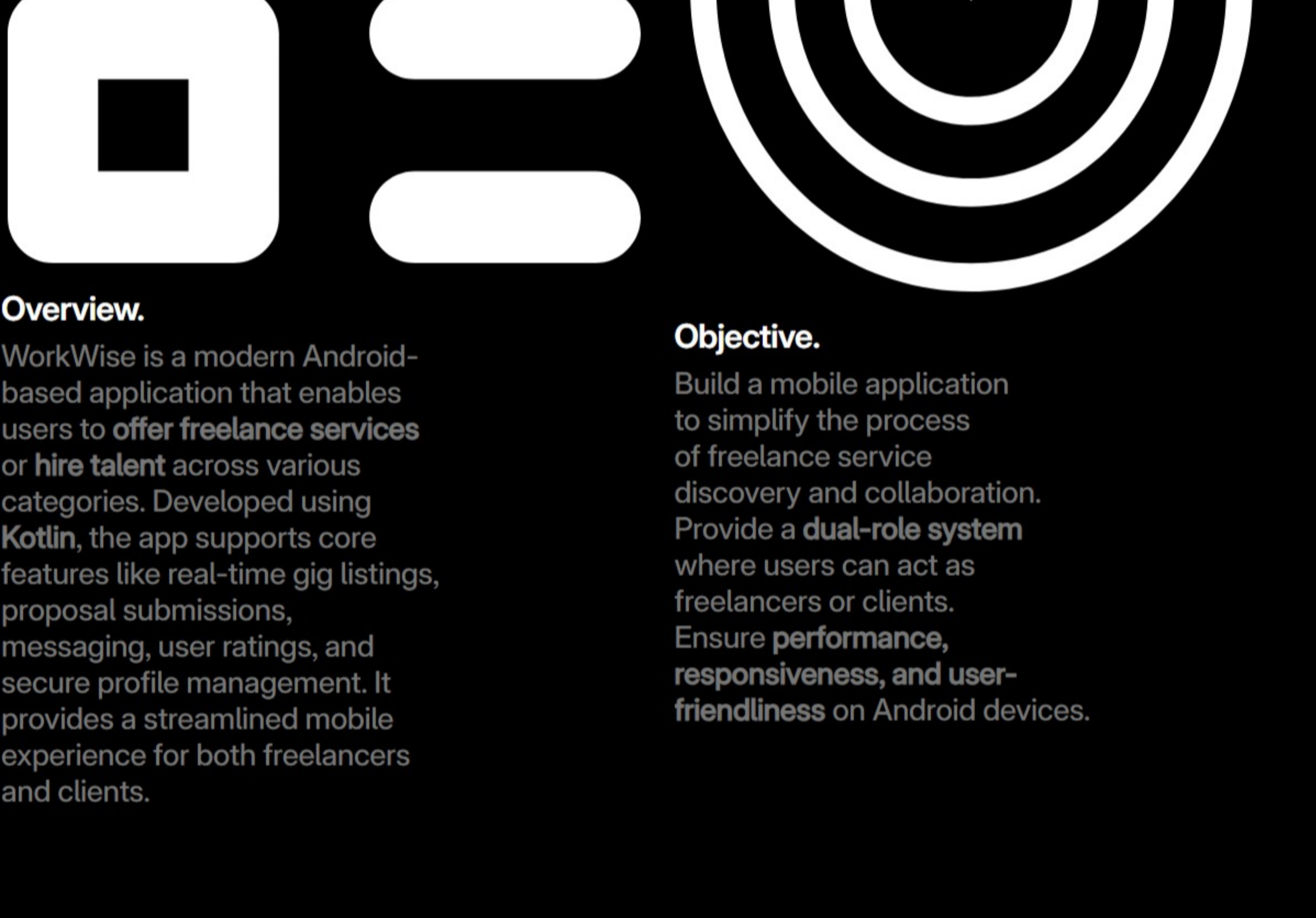


# WorkWise – Freelancing Application Using Kotlin



*A mobile-first freelancing platform built in Kotlin to connect skilled professionals with clients, inspired by platforms like Fiverr and Upwork.*

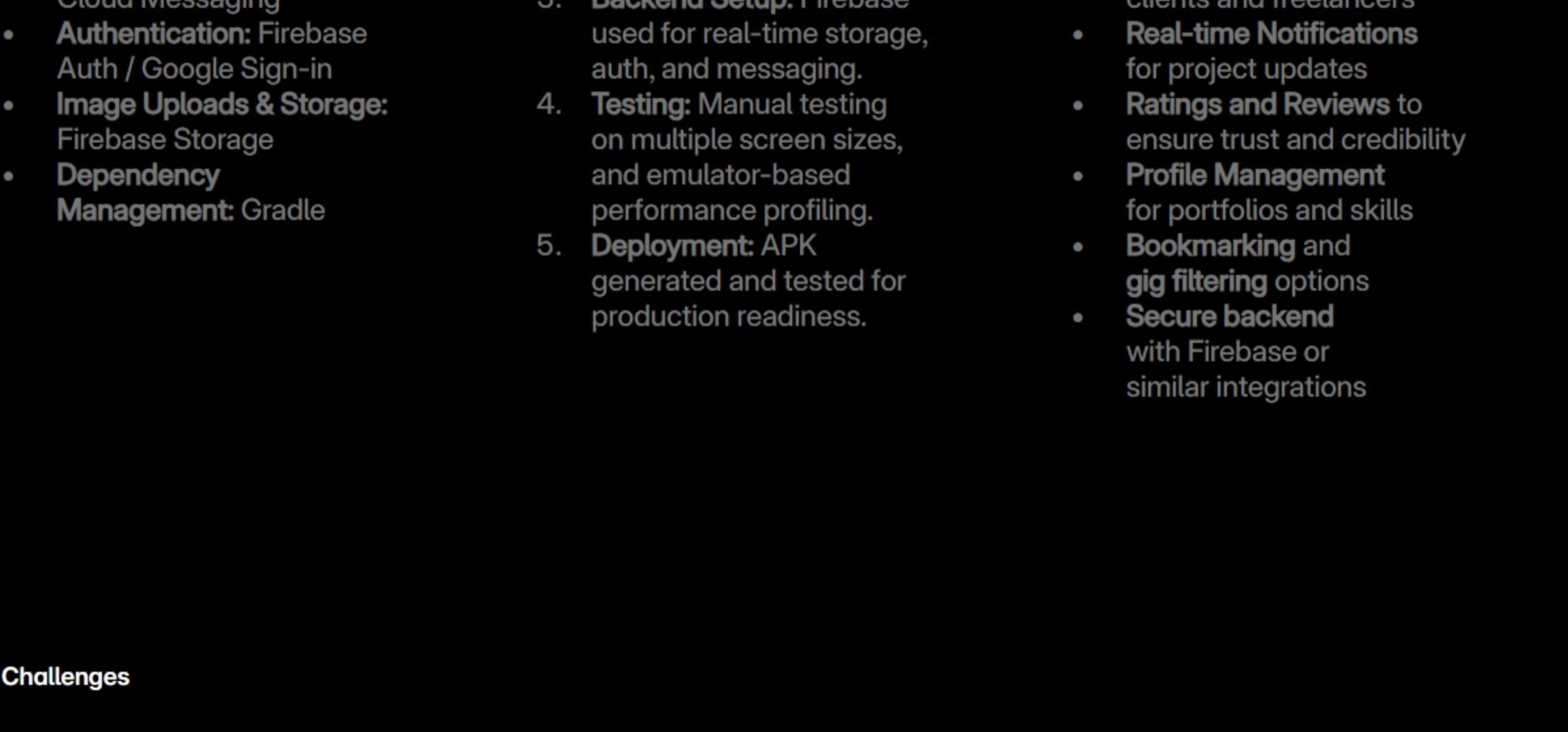


**Overview.**

WorkWise is a modern Android-based application that enables users to offer freelance services or hire talent across various categories. Developed using Kotlin, the app supports core features like real-time gig listings, proposal submissions, messaging, user ratings, and secure profile management. It provides a streamlined mobile experience for both freelancers and clients.

**Objective.**

Build a mobile application to simplify the process of freelance service discovery and collaboration. Provide a dual-role system where users can act as freelancers or clients. Ensure performance, responsiveness, and user-friendliness on Android devices.



**Tools.**

- Language: Kotlin
- Frameworks: Android Jetpack, MVVM/Architecture
- UI: Material Design Components, XML-based layouts
- Database: Firebase Realtime Database / Firestore
- Notifications: Firebase Cloud Messaging
- Authentication: Firebase Auth / Google Sign-in
- Image Uploads & Storage: Firebase Storage
- Dependency Management: Gradle

**Process.**

1. **UI/UX Design:** Wireframes created in Figma, focusing on minimal yet functional layouts.
2. **Frontend Development:** Kotlin-based Android app built using Jetpack components and MVVM structure.
3. **Backend Setup:** Firebase used for real-time storage, auth, and messaging.
4. **Testing:** Manual testing on multiple screen sizes, and emulator-based performance profiling.
5. **Deployment:** APK generated and tested for production readiness.

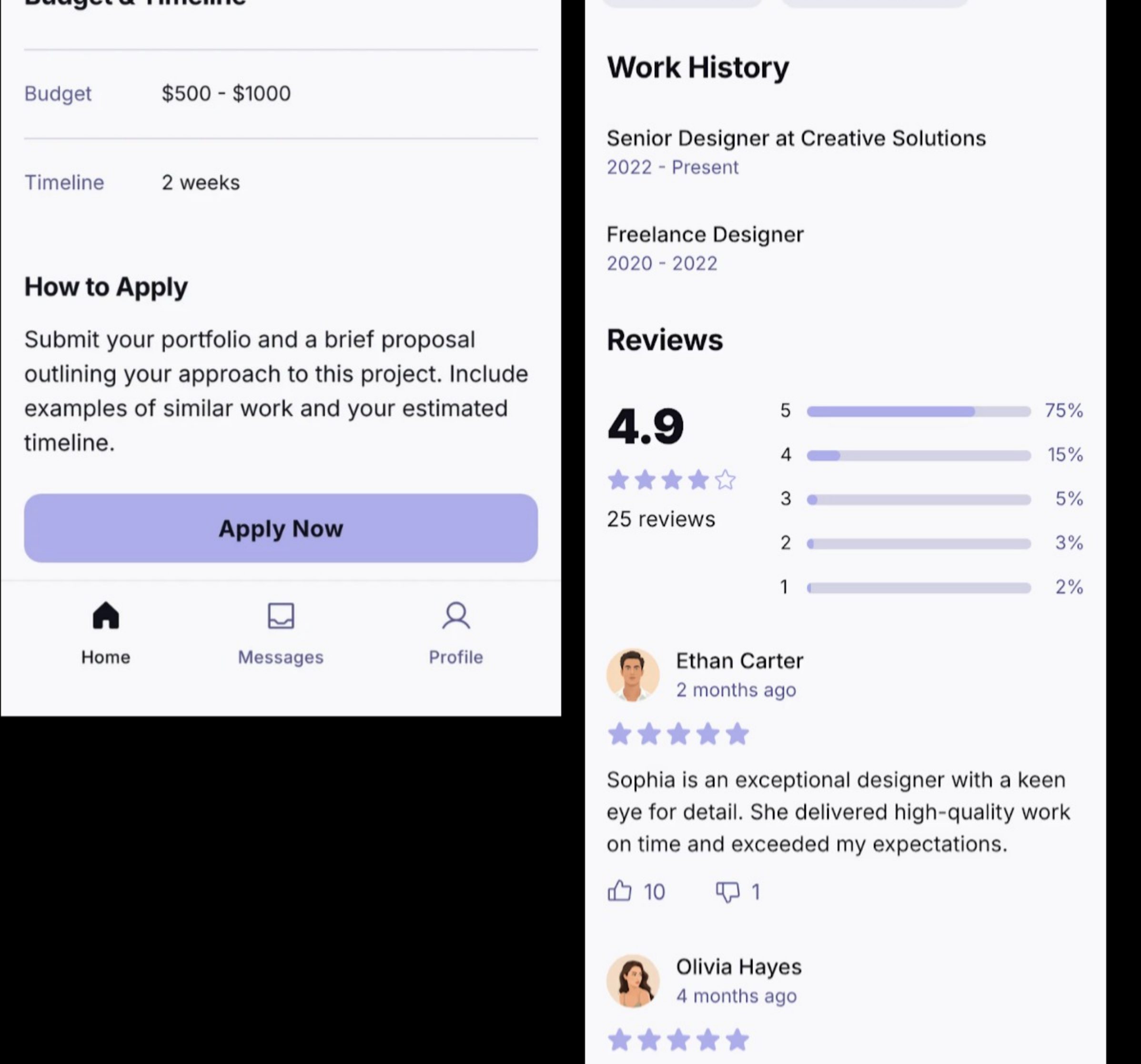
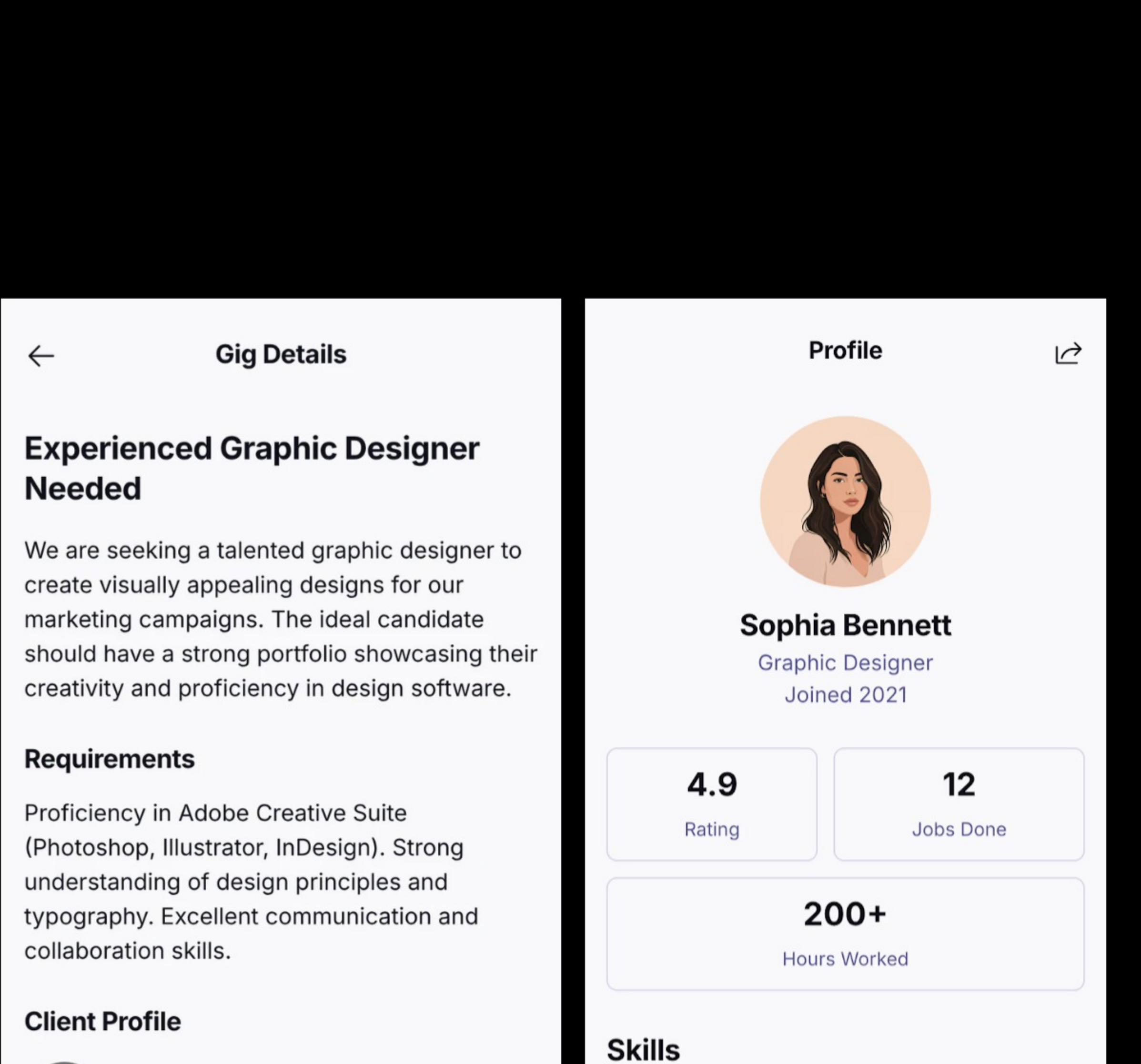
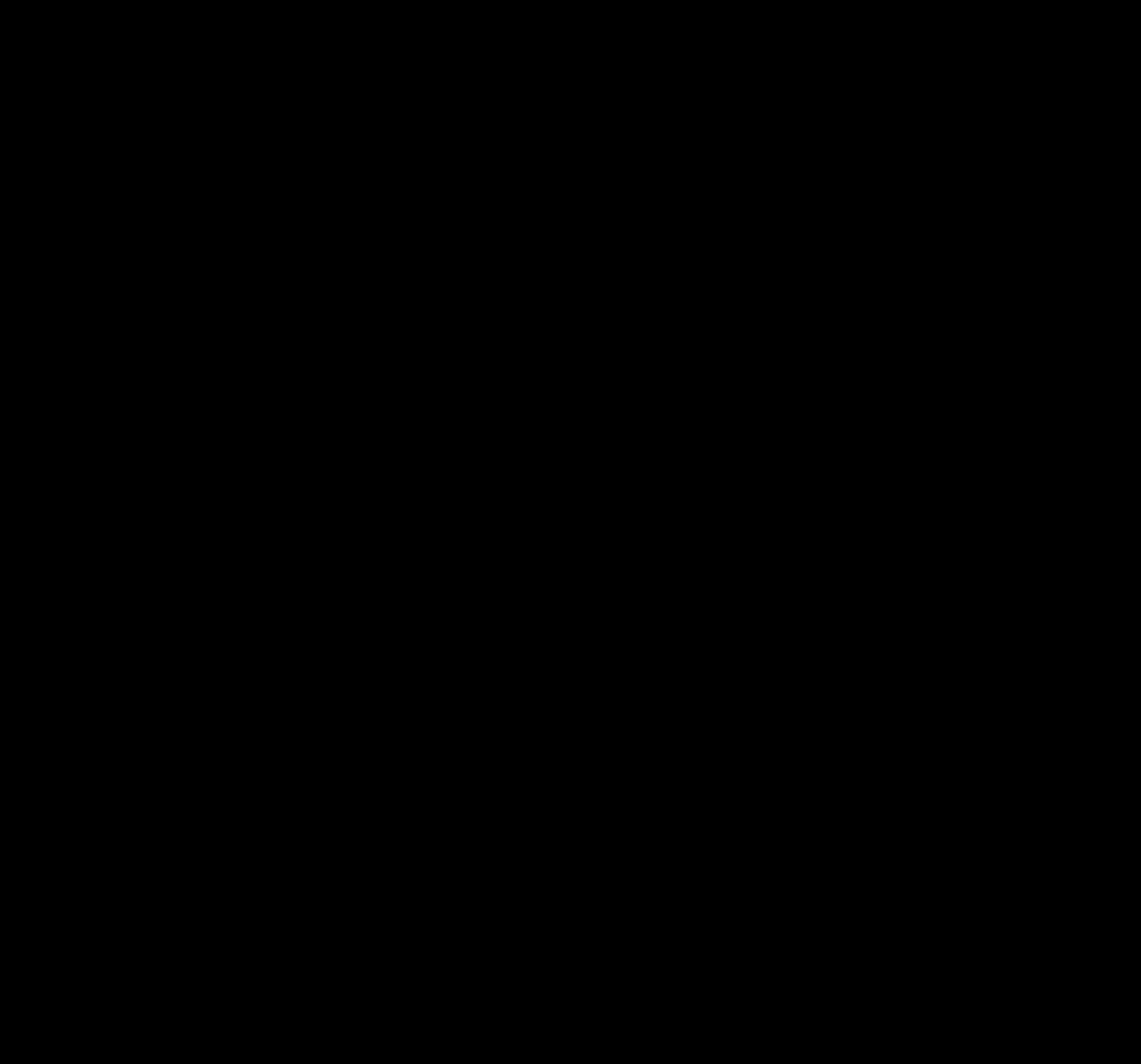
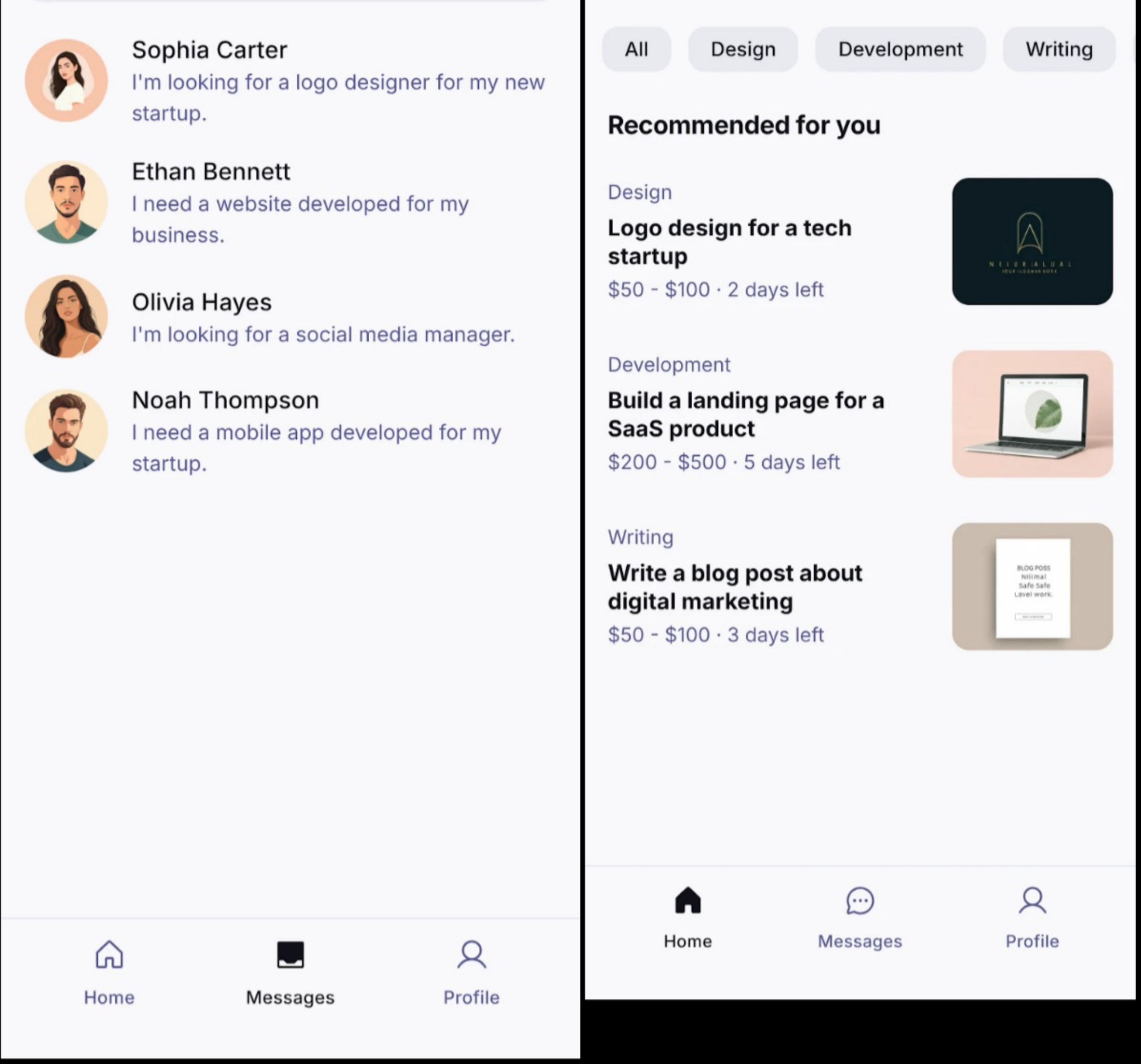
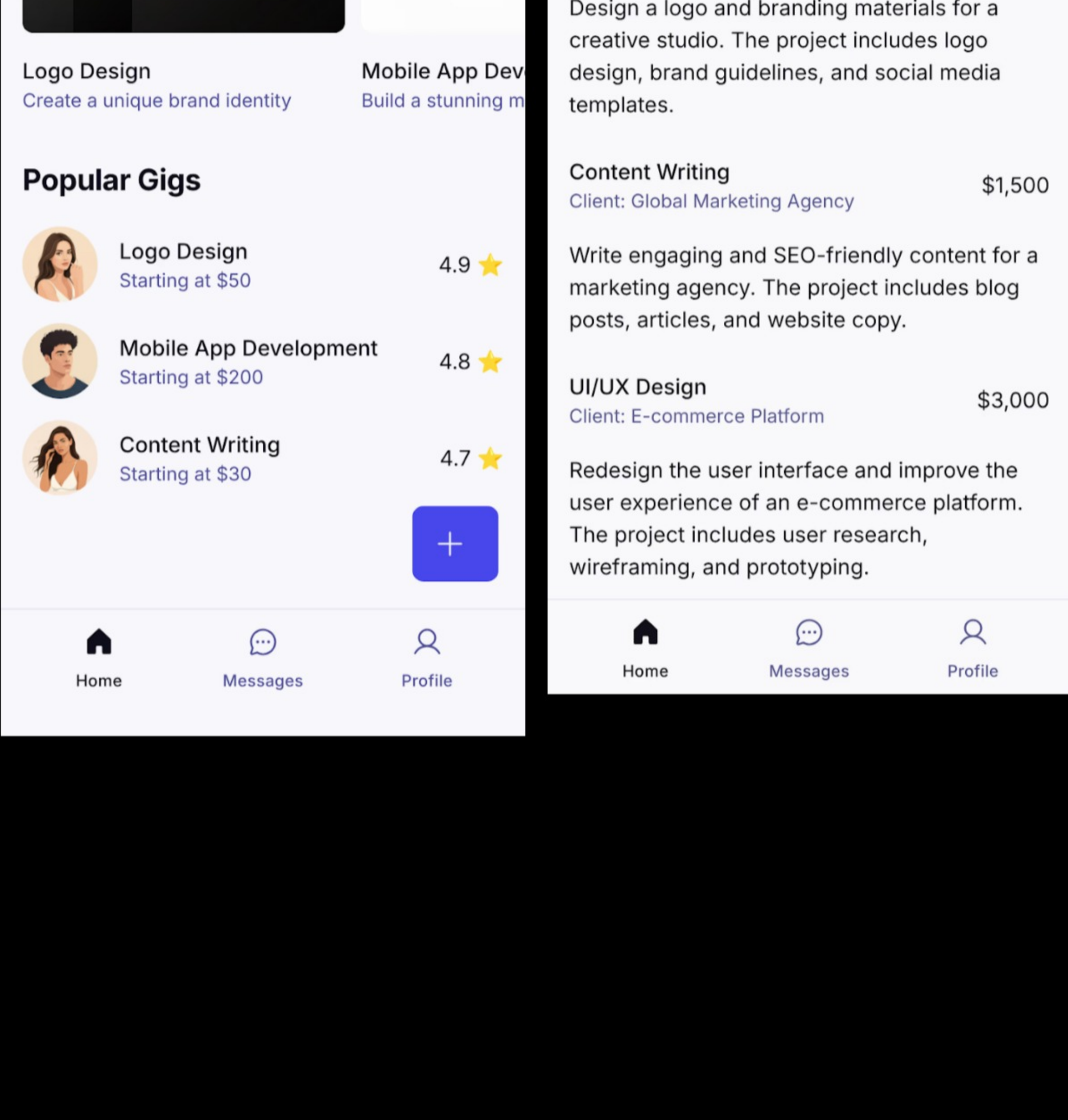
**Core Features.**

- User Authentication (Sign up/login for clients and freelancers)
- Gig Listings with categories, pricing, and descriptions
- Proposal System for applying to gigs
- In-App Chat between clients and freelancers
- Real-time Notifications for project updates
- Ratings and Reviews to ensure trust and credibility
- Profile Management for portfolios and skills
- Bookmarking and gig filtering options
- Secure backend with Firebase or similar integrations

**Challenges**

- Implementing dual-role logic for freelancers and clients without code duplication
- Ensuring smooth Firebase integration across all modules
- Handling real-time updates in messaging and proposals
- Designing intuitive UX within Kotlin constraints

User Interface & Design



**Results, Learnings, and Impact**

- Successfully developed a working MVP of a Fiverr-like app on Android
- Learned scalable Firebase structuring for user roles, chats, and gigs
- Gained experience in designing clean Kotlin codebases using Jetpack libraries
- Realized the importance of UI/UX testing on real Android devices