

# Pan He

Phone: +86 188 2622 9120

Email: [hepanshann@gmail.com](mailto:hepanshann@gmail.com) [158936174@qq.com](mailto:158936174@qq.com)

## Work Experience

■ 2022/02—2024/09 Beijing Snowball Fund Technology Co., Ltd.

### <Snowball> App: Investment communication and wealth management platform

- Responsible for the app's Pre-Investment modules, including fund shelf, fund comparison, and portfolio backtesting.
- Completed the architecture setup for integrating React Native into Android.
- Use React Native to develop new pages and retrofit old pages to React Native.
- Completed the refactoring of the dialog management solution and optimized the core page loading speed.
- Utilized Android APT technology to design and develop fund cards, creating highly decoupled and performance-stable code.
- Adapted pages for large screens, foldable phone, and tablets.
- Project lead for Huawei HarmonyOS App, completed the app publish on the pure HarmonyOS system.

■ 2021/03—2021/12 Beijing Readme Network Technology Co., Ltd. (Banyu).

### <Palfish Class> App: Children's English teaching app

- Responsible for the design and development of the application from 0 to 1.
- Responsible for the listing and release on Google Play, making corrections based on Google feedback.
- Designed and developed a multilingual adaptation tool for the app to improve work efficiency.
- Efficient iteration: one version per week, continuous high-quality iteration with no P0-level bugs.
- Optimized app experience in weak network environments (Southeast Asian market) by adding caching mechanisms and reducing HTTP packet data size.

■ 2019/02—2021/03 Taikang Life Insurance Group.

### <Tai Home> App: Mobile office software used by large insurance groups

- Responsible for the technology selection of the project and for the design and development of core modules.

- Utilized 360 Company's open-source technology to complete the app's plugin transformation, reducing the installation package by 40 MB.
- Responsible for the Android WebView module, designed the bridge module for JS and the native side, completing the forwarding of WebView network requests to the native side.
- Optimized BI report presentation, improving the loading speed by 30%.
- Followed up on Android technology updates, Rewrote old code using the Kotlin language.

■ 2018/05—2019/02     **Beijing Xinboxinmei Technology Co., Ltd.**

**<YouMall Store> App: Online shopping platform for furniture and appliances**

- Responsible for the network module in the app, collaborating with server department colleagues to complete user identity verification, writing documentation for network requests, and establishing related usage standards.
- Responsible for the development and implementation of animation transition effects for the application.
- Responsible for the development of the product details module and Shopping cart module.
- Iterated the product based on collected online issues and user feedback.

■ 2016/03—2018/05     **Beijing Enfu Health Technology Center**

**<Enfu> App: A health management application that can connect to various Bluetooth devices**

- Solely responsible for the development and maintenance of the application, delivering high-quality products on time according to the requirements set by the product department.
- Completed the encapsulation of Bluetooth scanning, connection, and data transmission functionalities.
- Responsible for features such as quick consultation, family management, and message board.
- Provide on-site or online technical support for product users (e.g., hospitals).

## Academic Experience

■ 2009/09—2013/06     Shaanxi University of Science & Technology     Electronic Information

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## Professional Skills

- 8 years of experience in Android client development, capable of independently undertaking architecture design and leading projects.
- Proficient in the fundamentals of Java and Kotlin languages, as well as the Android SDK and related tools.
- Familiar with Android hybrid development, with over two years of experience in React Native development.

- Familiar with the concepts and practices of Android component-based development, capable of splitting applications into multiple independent modules to improve code reusability and maintainability.
- with overseas business, with experience in language adaptation, growth strategies, and attribution analytics.
- Proficient in Android UI development and View architecture, with the ability to effectively understand designers' intentions and implement them.
- Familiar with the Android messaging mechanism, with a certain understanding of its usage scenarios and implementation principles.
- Familiar with HTTP message formats, request methods, Header and Body formats, and their usage scenarios, with experience in network optimization.
- Proficient in commonly used design patterns and design philosophies such as MVC and MVVM. Have completed the implementation of Android client applications.
- Understand the usage scenarios of threading and concurrency, and implement efficient code logic.
- Have knowledge of JVM-related concepts: memory model, garbage collection, class loading, etc.
- Have knowledge of basic data structures and algorithms.

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## Other

- CET-6
- Received the National Inspirational Scholarship for two years during undergraduate studies, and ranked in the top 5% of the major.
- 2012 Second Prize in the Shaanxi Provincial Mixed Digital-Analog Contest sponsored by Texas Instruments (TI) Cup.
- HarmonyOS Advanced Application Developer Certification