

Zhou Xiangcheng - KMP Development Engineer

Basic Information

Name: Zhou Xiangcheng | Education: Full-time Bachelor's Degree

Gender: Male | Major: Electronic Information Engineering

Date of Birth: 1987/11/07 | Graduated From: Huanghuai University

Contact Phone: 15201120927 | Email: developer_zxc@126.com

Job Intentions

Employment Type: Full-time | Expected Position: Cross-platform, Mobile, Mini Program, Java, etc.

Work Location: Beijing | Expected Salary: 15-30K

Work Experience

2013/06 --- 2014/06 Quanta Shanghai Manufacturing City Test Assistant Engineer

2015/04 --- 2015/10 LeYiKao (Beijing) Education Technology Co., Ltd. Android Development Engineer

2015/10 --- 2016/07 Time Zhe Internet Technology (Beijing) Co., Ltd. Android Development Engineer

2016/07 --- 2018/06 Tibet Yuanyu (Beijing) Network Technology Co., Ltd. Android Development Engineer

2018/07 --- 2022/04 China Aerospace Science and Technology (Beijing) Co., Ltd. Full Stack Development Engineer

2022/06 --- 2024/12 BeiSi ChangXiang Technology Co., Ltd. Full Stack Development Engineer

My Advantages

1. Familiar with native mobile client development: HarmonyOS, Android, iOS
2. With cross-platform practical experience: Flutter, ReactNative, KMP, Tora, etc.
3. Mastery of mini program development: WeChat Mini Program, uni-app
4. Familiar with Web frontend: Frameworks (react/vue), UI libraries (element/Ant Design, etc.)
5. Experience in AI development: Development (tensorflow/ML Kit/Gemini), Tools (Cursor/Codex, etc.)
6. Development experience: WinForm desktop development, Java development (mybatis + microservices + distributed)
7. Github and complete resume: <https://pgzxc.github.io/resume/>

Professional Skills

1. Familiar with Kotlin language: type inference, null safety, extension functions, coroutines, data classes/sealed classes, etc.
2. Familiar with KMP platform specialization: expect/actual mechanism, commonMain/androidMain/iosMain module division
3. Familiar with KMP architecture: shared module MVVM architecture, encapsulating ViewModel/Repository
4. Familiar with KMP build and configuration: kotlin{targets {}}, multi-platform dependencies, Gradle DSL

5. Familiar with KMP data layer: network layer (Ktor), database (SQLDelight), storage layer (KStore), etc.
6. Familiar with KMP dependency injection system: Hilt (Android side), Koin (multi-platform implementation)
7. Understanding of KMP compilation and build process: build process, compilation products (Framework/klib), XCFramework
8. Understanding of KMP and native interoperability: Android/iOS calling shared module, bridging Swift and Kotlin data types

Company and Work Content

2022/06 --- 2024/12 BeiSi ChangXiang Technology Co., Ltd. Full Stack Development Engineer

Industry Category: Technology Promotion and Application Service Industry | **Enterprise**

Nature: Limited Liability Company (Wholly-owned by Legal Person) | **Scale:** Less than 100 people

Company Introduction: BeiSi ChangXiang Technology Co., Ltd., headquartered in Changping District, Beijing, is founded by multiple serial entrepreneurs with years of entrepreneurial experience in different industries and fields. It is a platform focused on sharing entrepreneurial knowledge, dedicated to providing entrepreneurs with necessary knowledge for entrepreneurship and high-quality entrepreneurial projects, enabling entrepreneurs to have a new understanding of entrepreneurship, providing paid services such as project special issue production, project information push, business plan writing for entrepreneurs, and through feasible and executable entrepreneurial projects, truly creating income and more easily realizing entrepreneurial dreams.

Work Description:

1. Responsible for developing the "La Liga+" football live streaming league project signed by the company with Liuxian Media Technology (Beijing) Co., Ltd.
2. Responsible for product requirement analysis, function development, performance optimization, packaging and release, and version iteration
3. Cooperate with product managers and testers to ensure product quality and on-time launch
4. Continuously optimize and improve client products based on user feedback

2018/07 --- 2022/04 China Aerospace Science and Technology (Beijing) Co., Ltd. Full Stack Development Engineer

Industry Category: Information Transmission, Software and Information Technology Service Industry | **Enterprise Nature:** Limited Liability Company (Invested and Controlled by Natural Persons) | **Scale:** Less than 100 people

Company Introduction: China Aerospace Science and Technology (Beijing) Co., Ltd., headquartered in Shangdi International Incubation Park, Haidian District, Beijing, is a professional information consulting, solution and IT service outsourcing provider.

Work Description:

1. Responsible for the customized R&D work of Hitachi China - R&D Center - Elderly Care Project Team from scratch
2. During project implementation, responsible for pre-research, time estimation and progress promotion of R&D work
3. Docking with other elderly care project products in China and integrating them with Hitachi China - R&D Center - Elderly Care Project Team products
4. During work, responsible for: mobile client, mini program, frontend, backend, C# desktop client and other company projects

2016/07 --- 2018/06 Tibet Yuanyu (Beijing) Network Technology Co., Ltd. Android Development Engineer

Industry Category: Advertising/Public Relations | **Enterprise Nature:** Foreign-owned Enterprise
| **Scale:** 100-499 people

Company Introduction: Tibet Yuanyu (Beijing) Network Technology Co., Ltd. is a media company covering national radio advertising business and contracted radio business, while providing radio advertising services such as strategy formulation, creative copywriting, advertising production, and media buying.

Work Description:

1. Responsible for the functional development of Tingbei FM radio and its sub-album App
2. Lead interns to familiarize with the product's business logic and project code
3. Complete page layout according to UI design drawings
4. Cooperate with backend to complete front-end and back-end data interaction
5. Discuss with product to determine requirements to achieve friendly user experience
6. Team discussion on specific function details, communication with other technical personnel and formulation of design specifications

Project Experience

Project Belonging: Personal Project

Project Name: SwiperKMP (Private)

Project Address: <https://github.com/PGzxc/SwiperKMP>

Software Support: Cross-platform (Android, iOS, JVM, Web)

Development Tools: IDEA(2025.3.1)+ Gradle(8.14.3)+AS+Xcode

Project Description: Independently developed cross-platform short video + image gallery browsing application, using Compose Multiplatform to implement modern declarative UI that runs on multiple platforms with one codebase. Product form benchmarks Douyin/Xiaohongshu short video and image community, providing smooth video/image sliding browsing, category viewing, and full-screen immersive interactive experience, supporting multiple platforms.

Function Modules: Home, Image Gallery, Publish, Message, Me, etc.

Technical Points:

1. Architecture Design: Implement code sharing based on Kotlin Multiplatform
2. UI Framework: Use Compose Multiplatform to build declarative UI
3. State Management: Compose State + LaunchedEffect + ViewModel manage cross-platform page state
4. Network and Data: Ktor + Kotlinx Serialization + Coroutines efficient asynchronous network requests
5. Video Playback: Cross-platform video playback, Android uses ExoPlayer, JVM uses JavaFX
6. Image Processing: Coil implements cross-platform efficient caching and loading, optimizing long list scrolling performance
7. Gesture Interaction: Based on Compose gesture API to implement cross-platform consistent image zooming and other interactions
8. Screen Adaptation: Responsive layout + platform-specific WindowInsets processing, adapting to various screen sizes
9. Build and Dependencies: Gradle Kotlin DSL + Version Catalog unified management of cross-platform dependencies and versions

Project Belonging: Personal Project

Project Name: WanAndroidKMP (Open Source)

Project Address: <https://github.com/PGzxc/WanAndroidKMP>

Software Support: Android+iOS+Desk(Mac/Windows/Linux)

Development Tools: Android Studio+Java(17)+Gradle(8.0.2)+Kotlin(1.9.0)

Project Description: This project is developed based on WanAndroid API, using Compose Multiplatform to implement cross-platform interface construction, supporting core functions such as user login, registration, browsing articles, projects, navigation and messages. Adapted to multiple platforms.

Function Modules: Home, Navigation, Project, Message, Me, Settings, etc.

Technical Points:

1. Create project based on template compose-multiplatform-template
2. Build bottom navigation framework based on NavigationBar
3. Network part: ktor-core core library + ktor-serialization-kotlinx-json serialization
4. Implement inter-interface navigation based on Navigator
5. Display and load network images based on kamel-image
6. Implement cross-platform file and data storage based on kstore-file and kstore
7. Display Icons based on compose.materialIconsExtended