

Zhou Xiangcheng - Mini Program Development

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: Mini Program, Mobile, Cross-platform, etc.

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

Related Information

Website: <https://pgzxc.github.io>

GitHub: <https://github.com/PGzxc>

CSDN Blog: http://blog.csdn.net/calvin_zhou

Complete Resume: <https://pgzxc.github.io/resume/>

Education Background

2009/9 to 2013/6 Huanghuai University Electronic Information Engineering Full-time Bachelor's Degree

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

Professional Skills

1. Familiar with frontend Web development technologies such as HTML, CSS, box layout model, etc.
2. Proficient in JavaScript (ES6+), understanding core concepts such as closures, prototype chains, asynchronous programming, etc.
3. Familiar with using mainstream frontend frameworks and libraries, such as React, Vue, Angular, Bootstrap, etc.
4. Familiar with state management solutions, such as Redux, MobX, Vuex
5. Familiar with packaging tools (Webpack, Vite, Rollup) and build optimization

6. Familiar with CSS preprocessors (Sass, Less) and other solutions
7. Understand frontend security common sense, such as XSS, CSRF and protective measures
8. Familiar with WeChat Mini Program development, familiar with uni-app development

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: Hitachi China

Project Name: Hitachi Health (WeChat Mini Program)

Software Support: WeChat Mini Program

Development Tools: WeChat Developer Tools 1.05+Git

Project Description: Hitachi Health Mini Program is a WeChat Mini Program developed by Hitachi Elderly Care Project Team after partially integrating existing projects (gait + brain training + sleep health, etc.). Without installing an app, it realizes some functions that require app and hardware through the Mini Program.

Function Modules: Login and Registration Module, Home, Chronic Disease Management, Cognitive Management, Fall Management, Daily Management, etc.

Responsible Modules: Cognitive Management, Fall Management, and Frontend Games, etc.

Technical Points:

1. Build Mini Program layout pages based on Flex+css
2. Build template components based on template for page reuse
3. Canvas draws video recording countdown animation
4. Handle data interaction between Mini Program and webview based on JS-SDK
5. Mini Program dynamic permission handling (geographical location, video recording, photo taking)
6. Encapsulate network interface requests and data storage reading

Project Belonging: Personal Project

Project Name: wanandroid_uni_app (Open Source)

Project Address: https://github.com/PGzxc/wanandroid_uni_app

Software Support: H5+WeChat Mini Program+Other Mini Programs

Development Tools: HBuilder X+WeChat Developer Tools+Vue2.x

Project Description: This project is based on WanAndroid open source API, built using uni-app, realizing user login and registration, article browsing, project display, navigation viewing, message notification and other functions, supporting multi-end deployment.

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

Technical Points:

1. Use uni-ui component library to build page layout and interactive interface
2. Encapsulate network requests based on uni.request
3. Listen to inter-page event communication based on uni-api-EventChannel
4. Implement page jump and navigation control through uni.navigateTo, redirectTo and other routing APIs
5. Use uni.setStorage/uni.getStorage for local data caching
6. Create Vue components for page reuse