

Zhou Xiangcheng - AI 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: AI, Client, Cross-platform, Mini Program, 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 developing Flutter-based AI image-text software using gemini-1.5-flash model
- 2.Familiar with image recognition and classification based on TensorFlow Lite model
- 3.Familiar with object detection based on TensorFlow Lite model
- 4.Familiar with single or multi-person pose recognition based on TensorFlow Lite model
- 5.Familiar with voice command recognition based on TensorFlow Lite model
- 6.Familiar with intelligent reply based on TensorFlow Lite model

7.Familiar with human action recognition in video clips based on TensorFlow Lite model

8.Familiar with natural language processing and question answering based on TensorFlow Lite model

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: FlutterGeminiAI (Open Source)

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

Software Support: Android + iOS

Development Tools: IDEA 2024.1.3 + Flutter (3.22.2)

Project Description: Flutter Gemini AI is a multimodal AI dialogue application built based on the Google Gemini-1.5-Flash model, supporting pure text and image-text mixed input. Users can interact naturally with AI through text or images, with a chat window-style interface design where messages are displayed on both left and right sides, providing a clean and intuitive interface to enhance the interaction experience.

Function Modules: Dialogue Module

Technical Points:

1. Initialize the model based on GenerativeModel(model: 'gemini-1.5-flash', apiKey: apiKey)
2. Generate text input based on model.generateContent([Content.text('Text')])
3. Image-text multimodal based on model.generateContent([Content.multi([prompt, ...imageParts])])
4. Custom bottom input module (input box + image selection + message sending)
5. Choose left-side Gemini layout or right-side User layout based on role
6. Select gallery images based on image_picker
7. Automatically scroll to the bottom after sending a message