

# Xiao Meng

[reorx.com](https://reorx.com)

Crafting tools and products to help people think and create.

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## Education

### Wuhan University

[www.whu.edu.cn](http://www.whu.edu.cn)

Bachelor of Engineering, Computer Science and Technology

Jan 2009 – Jan 2013

Overall GPA: 2.43

## Work

### Dine

[dinehq.com](http://dinehq.com)

Technical Director

Since Jun 2020

- Worked with design and development teams to make custom software solutions, and completed a total of three projects.
- Deployed and delivered the website to CDN and dedicated servers.
- Troubleshoot and resolved any issues that arose from the customers.
- Set up and maintained the tools and processes used for CI/CD pipelines involving GitLab and Git Flow.

### Yuansuan, Inc.

[www.yuansuan.cn](http://www.yuansuan.cn)

Software Development Lead

Mar 2021 – Jan 2022

- Managed a team of 10 software developers, overseeing their work and providing guidance and support.
- Designed system architecture for a SaaS platform, ensuring technical feasibility and scalability.
- Collaborated with interdisciplinary teams, including product managers, designers, and QA engineers, to deliver high-quality software products on time and within budget.
- Provided technical support on-call, troubleshooting and resolving software issues from the end-users.

### Sixteen Markets, Inc.

[16financial.com](http://16financial.com)

Co-Founder & CTO

May 2016 – Mar 2020

- **Team Management:** Expanded developer team from 6 to 18 people in 3 years, with roles in front-end, back-end, testing, and operation. Led team and coordinated schedules/tasks, hosted daily/periodic meetings, and set team rules/regulations.
- **System Architecture:** Designed service-level protocol with Protobuf/gRPC for inter-service communication. Designed external API specification with JSON Schema and OpenAPI.
- **Software Development:** Implemented access layer gateway with OpenResty/Lua for bidirectional conversion between internal Protobuf/gRPC and external HTTP API. Developed/maintained accounting/clearing systems, internal admin systems, and other microservices using Python and Go. Developed tools for data structure definition, API code generation, and documentation generation.

- **Development Process Management:** Developed GitFlow-based Git workflow and set up Atlassian applications for project management, version control, and CI/CD. Designed/developed Python packaging format and Ansible-based automated release solution.

## Wandou Labs

[www.wandoujia.com](http://www.wandoujia.com)

Site Reliability Engineer

Feb 2014 – Mar 2016

- Monitored and analyzed system performance to identify potential issues or areas for improvement.
- Participated in on-call rotations to respond to alerts and system failures and support other teams.
- Developed automated solutions and internal tools, improving the reliability, scalability, and maintainability of systems and services.
- Collaborated with developer teams to optimize the design and implementation of new/existing systems and services.

## Sohu.com

[www.sohu.com](http://www.sohu.com)

Back-end Developer

Jul 2013 – Feb 2014

- Developed and maintained back-end services and APIs for a variety of applications and platforms using languages such as Python and PHP.
- Explored best practices for building API services using various databases such as MySQL, MongoDB, and Apache Cassandra.
- Collaborated with front-end developers to integrate UI features with the back-end APIs.

## Projects

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### Yuansuan Cloud for Business

Team Lead, Core Developer

Jun 2021 – Oct 2021

A hybrid cloud platform for computer-aided engineering in HPC clusters.

Collected and analyzed customer requirements, designed the on-premises system, managed the developer team, and delivered the product in a limited time.

Go   Kubernetes   HPC   WebRTC

### G7.com.cn

[www.g7.com.cn](http://www.g7.com.cn)

Frontend Developer, DevOps

May 2020 – Oct 2020

The official website of G7.

Rebuilt front-end and back-end of the website with the latest technology and systematic modules.

React   Gatsby   Chart.js   Netlify CMS

## Cashier

Core Developer, Product Manager

Oct 2016 – Oct 2019

A clearing system for the online stock trading brokerage service.

Designed and implemented the whole system from the ground up. The challenge was to learn trading/clearing rules from scratch and create an API platform for introducing brokers, which is the first of its kind in the industry.

Go gRPC RethinkDB

## Backbone API Docs

Full-stack Developer

Mar 2017 – Nov 2017

An API documentation platform like [readme.com](#).

Developed the front-end, back-end, and toolchains for the product. Wrote customer-oriented documents, including API references, JSON Schema definitions, and Markdown user guides.

Django OpenResty JWT

## Loki

Full-stack Developer

Aug 2014 – Jan 2016

A deployment automation system for large-scale applications on thousands of servers.

Designed and implemented the front-end of the system, collaborating with teammates to deliver the scheduling and data collection modules of the back-end.

Python Gevent OpenTSDB jQuery

## Side-projects

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### httpstat

[github.com/reorx/httpstat](https://github.com/reorx/httpstat)

A CLI tool to show HTTP statistics in a beautiful and clear way.

### Substance

[substance.reorx.com](https://substance.reorx.com)

An HTML-to-Markdown extractor that gives complete control over the extraction process and allowing for careful tuning for every website.

### Obsidian paste image rename

[github.com/reorx/obsidian-paste-image-rename](https://github.com/reorx/obsidian-paste-image-rename)

An Obsidian plugin that provides an intuitive interface to rename pasted images and other attachments.

### jsoncv

[jsoncv.reorx.com](https://jsoncv.reorx.com)

A toolkit to construct your Curriculum Vitae/Résumé using JSON and produce stylish HTML/PDF documents.

### sui2

[github.com/reorx/sui2](https://github.com/reorx/sui2)

A self-hosted Startpage app that supports keyboard navigation and PWA.

### Deptest

[github.com/reorx/deptest](https://github.com/reorx/deptest)

A Python testing framework that can control the execution order of the test units.

# Skills

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## Back-end Dev

Expert - 10 years

Python Django Go gRPC Docker Linux

## Project Management

Advanced - 4 years

PRD Agile Scrum Waterfall

## React

Beginner - 2 years

React Hooks React Query Zustand Next.js

## Front-end Dev

Advanced - 6 years

JavaScript TypeScript Webpack CSS SCSS

## Web Design

Intermediate - 4 years

Figma Axure Sketch

# Languages

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## English

CEFR level: C1

Possesses a strong command of the English language, with excellent reading, writing, and comprehension skills. Demonstrated by the ability to quickly learn new knowledge from English-only resources, write professional technical documents, and collaborate seamlessly with native English speakers.

## Chinese

Native