



Wuxiaofeng

Tech Lead

Professional Summary

I tag myself a builder, problem solver and thinker with a few strengths,

- Experienced in leading a team to build reliable and scalable distributed systems from scratch.
- Exposed to systems like crawler, AI recommender, IM, data pipelines, micro services, etc.
- Hands-on experience with cutting-edge technologies including but not limited to Redis, MySQL, Kafka, AWS, ElasticSearch, Cassandra, K8S, Flink, etc.
- I don't set a boundary on what I do. I am always willing to jump into the unknown, learn and grow.

Professional Experience

Co-founder/CTO, www.referme.cn

Beijing, China
10/2020-Present

A talent-position matching platform for direct team hiring

- Tech: lead the development of the entire system from scratch as engineer #1
 - Grow the team from scratch to 20 employees & ramp up new hires.
 - Design & build systems including crawler, backend API services, recommendation engine and CI/CD pipeline. - Coordinate cross-team collaboration & enforce development standards & define team culture
- Product: play a key role in achieving these product highlights,
 - Most # of official position openings: 400K+ positions from 1K+ company official websites synchronized
- in close to real-time.
 - Better connection quality: we emphasize more on talent-position matching quality than quantity. With
- help of our in-house AI recommender, we already outperforms competitors in terms of connection quality.
 - Direct contact with hiring managers: We onboarded hiring managers from 500+ top companies. They
- are ready to be contacted with our custom-built IM platform.
 - 3K DAU achieved within 3 months of launching.
- Funding: \$1M+ USD of funding raised so far with investors including MiraclePlus (YC China).

Tech Lead Houzz Inc.

Palo Alto, CA
10/2016-01/2021

User communication platform

- Led the initiative to deliver a system that supports sending multiple campaigns with Business Intelligence and air traffic control capability.
- Implemented a pipeline that sends out silent push notifications to proactively detect app uninstalls.
- Developed a scheduler that schedules email content generation jobs and recovers failed jobs automatically, which unecessitates previous manual intervention for recovery.
- Wrote a customized Kafka consumer to support delivery time optimization based on user's historic interaction with our emails and notifications.
- Developed and maintain an email proxy service based on AWS SES and Lambda.

Software Engineering Intern Facebook

Menlo Park, CA
06/2015-08/2015

Speed up Facebook home page loading

- Built a customized Facebook home page so that user can specify how different parts of the page (pagelets) are scheduled to be loaded.
- Designed and implemented a parallel execution layer for Facebook Hack that allows running concurrent tasks in multiple threads with user specified scheduling policies.
- Improve the backend for loading Facebook home page so that it can exploit the parallel execution layer to render multiple pagelets on the same thread with priority based scheduling.



- The work achieves less IO reads and better CPU utilization by avoiding fetching shared data object multiple times and increasing the percentage of CPU time spent on pagelet rendering.

EDUCATION

The Ohio State University, PhD. in Computer Science
GPA: 3.91/4.0

Columbus, OH 2010–2016

Harbin Institute of Technology, B.E. in Computer Science
GPA: 91.04/100, Rank: 1st/181

Harbin, China 2006–2010