

Personal Information

- Bin Zhang
- Email: iamsk.info@gmail.com
- Education: CS bachelor, XUPT
- Blog: <http://iamsk.info/>
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Professional Skills

- *nix and python served for 10+ years from my college
- Back-End: Django/Tornado/Flask/Scrapy etc
- Front-End: Bootstrap/html/css/javascript/jQuery/AngularJS
- Databases: MySQL/pgSQL/MongoDB/Redis
- Tools: Git/Supervisor/Nginx/Buildout/Vagrant/Tmux
- Best Practices: Agile/TDD/Code Review/API Design/Cache Design/RPC Service Design

Work Experience

YLLY - Team leader (Mar. 2016 - Now)

Set up the Tardis team, work with other three teams around the world and build the ERP system to integrate all systems we use, familiar with e-commerce system.

1. 2B/2C websites: make all orders store in one system and manage in one place;
2. Financial system (Kingdee): make our orders synchronize with Kingdee system, the operators will not record one by one.
3. Agile project management (TargetProcess): calculate and display team metrics, include **Cycle Time**, **Throughput**, **Flow Efficiency**, **Code Quality**, etc

TAGG - CTO & Co-Founder (May. 2015 - Feb. 2016)

Our product is a **Social Network** app for fashion people to share their lifestyles.

I build the technical team, choose the technology stack(Tornado, MongoDB, AWS), design the workflow and make the team work fast to meet the weekly plan which based on **Daily Scrum** and **Weekly Sprint**. I'm also work on backend and technology research.

App Annie - Senior Software Engineer (Aug. 2013 - May. 2015)

Search

Investigate and design the new search which based on elasticsearch. Include distribute storage design, server estimate, multilingual support and query optimization.

Scraping

Writing efficient and robust spiders and maintain spiders for all markets(iTunes, Google Play, Amazon Store, etc). At that time I do a lot of deep use of scrapy and write some middlewares(timeout, proxy, retry, etc) for that.

Refactoring

The website(www.appannie.com) is too complex for showing all apps info in different markets and have a lot of duplicate codes between those markets. I do a lot investigating and finally use components to do the refactoring which make basic info, rating, review and rank independently. Now we use less time to maintain the pages and add new features much easier.

Zhihu - Leader of Mobile Backend Team (Jun. 2011 - Aug.

2013)

Build the team and manage the working progress

OPEN API Service, <https://api.zhihu.com>

Used for zhihu apps and third-part applications. I designed and implemented it in RESTful style.

OAUTH 2.0 Certification Service, <https://oauth.zhihu.com>

Used for zhihu apps and third-part partners. I implemented it based on RFC 6749.

Real-time Content Review System

Used for reviewing questions, answers and pictures by operation team and volunteers. Use task dispatching and long lived http to make the work more efficient.

Others

- Short url system, <http://zhi.hu>, 300,000 requests and more than 10,000 new short urls generated per day
- API console, <http://console.zhihu.com>
- Avatar System, with RPC service
- Features: collection, mention, RSS etc

Kingsoft - Software Engineer (Aug. 2009 - Jun. 2011)

cloud-antivirus system

- build whole monitoring of cloud-antivirus system

- build api of cloud-antivirus system, used for pc120.com, ijinshan.com and other teams