

HU ZIMING

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SUMMARY

Web service developer at FavoriteMedium. Prime focusing on high performance web services design and development, and have experience on frontend technologies such as jQuery and AngularJS. Have experience on architecting and implementing E-Commerce website.

Formerly HPC scheduler software LoadLeveler developer at IBM, have 4 years experience on Linux development. Was focusing on task assignment and Linux network related areas.

Having been using and maintaining Linux system for more than 10 years; Development with C/C++, Ruby, Python, Golang, MongoDB, Redis, and skillful in Unix utilities such as sed. Have experience on building high scalability web services with MongoDB, Redis and Docker.

PATENT

Published patent ***SCHEDULING JOBS IN A CLUSTER*** while working at IBM, publication number is **US 2010/0223618 A1**

CURRENT OCCUPATION

Favorite Medium

April 2012 - Present

Senior Software Engineer

- Specialized in Ruby on Rails backend development work.
- Build high performance tools with appropriate language and technologies (Ruby, Python, Golang, Shell).
- Basic frontend development, focusing on Javascript (jQuery, Angularjs).
- Setup deployment automation with Capistrano
- Setup production environment on Heroku, Amazon EC2.
- Integration with external web services, such as Google, Facebook, Twitter, Sinaweibo.

PAST PROJECTS AND EXPERIENCE

Starcount

Feb 2013 - Present

Starcount (<http://www.starcount.com/>) is focusing on calculating popularity for stars over multiple social networks. By tracing the score and activities on the website, user can get better known of different stars. Project contains main site, mobile app, CMS and data collector.

- Architect and leader developer for backend part (data collecting and processing, CMS).
- Design and implement CMS with **Ruby on Rails** for account info management.
- Replace third part calculation and query service with **Python** scripts and **ElasticSearch**.
- Design **MongoDB** schemas and indexes to optimize data fetching.
- Refactor web crawlers from Ruby to **Golang** to improve performance and reduce EC2 instance resource used.
- Introduce **Redis** for long cycle tasks, such as data statistics.

Appcara

July 2012 - April 2013

Appcara (<http://www.starcount.com/>) is focusing on management and fast deployment on various cloud service provider. It provides web console to customers and enables user to finish cloud instance management via user friendly interface. It also provides tools for migration data between service provider.

- Implement backend service with different cloud providers, such as Amazon EC2, Rackspace, CloudStack, VMware vCloud and so on.
- Build cloud instance management page with **jQuery**.
- Help on functions for migrating data between different cloud service providers.
- Help on building app package for various cloud service providers, such as wordpress, drupal.

Wenpod Distribution Platform

August 2014 - Sep 2014

Wenpod distribution platform (<http://shop.wenpod.com/stores/855435/>) is a full functional e-commerce distribution platform, which provides distributor management, store isolation, balance management and other functions for distribution.

- Architect and implement the database schemas.
- Architect and implement the distribution service.
- Architect and implement backend admin panel.
- Integrate Alipay as payment service.

Five Cooking E-Commerce Site

March 2013 - Sep 2013

Five cooking is a e-commerce website which focusing on providing processed vegetable for office workers. This is a full functional E-Commerce website and can provide general function such as cart, balance management, membership point, promotions for user, and a complete admin panel for administrator.

- Architect and implement the database schemas.
- Architect and implement e-commerce service.
- Architect and implement backend admin panel.
- Integrate Alipay as payment service.