

# JU LIN

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Github: soasme ◇ Blog: [www.soasme.com](http://www.soasme.com)

## SUMMARY

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**Ju Lin** has a wide knowledge of web application, DevOps and system administration. He is an expert in Python Programming, Operating System, and Unix Networking. He is a passionate learner with endless curiosity and enjoys jumping out of the comfort zone.

## EXPERIENCE

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### **Lipinshuo, Inc**

*Tech Lead, Software Engineer*

May 2015 - September 2016

*Beijing, China*

- Project leadership and management. Capable of leading high performing teams under tough deadlines, to meet expectations of multiple customers externally or internally.
- System administration. Maintained configurations for Nginx, supervisord, gunicorn, etc.
- System architecture. Developed gateway and message queue applications to improve the scale and performance of the entire system.
- Migrated from JPEG to WEBP. Reduced CDN bandwidth by 75%.
- Developed a fully functional e-shop web application that drove 1k+ orders every day.
- Developed a spider application to scrap production information in other websites.

### **Douban Read**

*Product Development Engineer*

April 2013 - March 2015

*Beijing, China*

- Designed and implemented a new version of robust, testable, document-autogen APIs. Reduced network calls by 30%.
- Extracted ORM manipulations with built-in cache mechanism, reducing model codes by 30%.
- Wrote hundreds of py.test fixtures and thousands of test cases. Improved code coverage by 20%.
- Maintained tens of CI jobs within Jenkins.

### **Douban Book**

*Product Development Engineer*

June 2012 - April 2013

*Beijing, China*

- Participated on the rebuilding & refactoring process of *Douban Book*, which was visited by millions of users everyday. Decoupled this system from a monolithic one to archive independent deployment.
- Replaced PTL template engine with Mako. Thousands lines of code fewer, and smoothly released without breaking anything.
- Implemented a system synchronizing product price and inventory from almost all book e-shops in China, such as AmazonCN, Jingdong, Dangdang, etc. There are nearly 16+ million subjects updating every day.

*Please refer to my linkedin profile for the complete list of work experience and references.  
<http://www.linkedin.com/in/linju>*

## EDUCATION

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**Jimei University**

Bachelor Degree in Software Engineering

*September 2008 - June 2012*

## TECHNICAL STRENGTHS

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<b>Computer Languages</b>	Python, Javascript, Java, C
<b>Protocols</b>	TCP/IP, UDP, HTTP, HTTPS, WSGI
<b>APIs</b>	REST, SOAP, JSON, XML
<b>Databases</b>	MySQL, Sqlite, Redis, Mongoddb, Beansdb
<b>Python Web Frameworks</b>	Flask, Django, Tornado, Quixote, Celery
<b>Python ORMs</b>	DjangoORM, SQLAlchemy
<b>Python Web Runtimes</b>	Supervisord, Gunicorn, uWSGI, Nginx
<b>Javascript Frameworks</b>	Angular, React & Redux
<b>VCS</b>	Git, SVN
<b>CI</b>	Jenkins, TravisCI
<b>Editors</b>	Emacs, Vim, SublimeText, Atom