

JU LIN

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SUMMARY

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

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, supervisor, gunicorn, etc.
- System architecture. Developed gateway and message queue applications to improve the scale and performance of the entire system.
- Continuous Delivery. Wrote packaging tool *Beeper* and deploying tool *Fapistrano*.
- 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

Jimei University

Bachelor Degree in Software Engineering

September 2008 - June 2012

TECHNICAL STRENGTHS

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