

# YEA JI SHIN

101-603 cheungdam hyundai-3cha Apt., chengdam, seoul, KOR  
1033161614 • yeahjishin@gmail.com

## SOFTWARE ENGINEER

Accomplished and self-motivated software engineer with extensive experience designing and developing innovative solutions with a focus on optimizing performance, availability, and scalability. Deep familiarity with distributed, cloud-based systems including Amazon Web Services. Capable of managing the full software development life cycle; define, prioritize, build, and test new features and functionality. Fluent in English and Korean; basic Japanese.

### AREAS OF EXPERTISE:

- Software Design & Development
- Innovative Features & Functionality
- Cloud Server & Storage Solutions
- Implementation & Deployment
- Complete SDLC Management
- Requirements Definition / Analysis
- Planning, Scheduling, Prioritization
- Team Communication / Collaboration

## TECHNICAL PROFICIENCIES

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Platforms: Linux (Ubuntu, Red Hat, Debian), Windows  
Languages: Go, Lua, Python, C, C++, Java, JSP, JavaScript, HTML, HTML 5, CSS, LESS, XML, PHP, UNIX Shell Scripting, jQuery, Template Languages  
Software / Tools: VIM, Bind, Subversion, Selenium, Git(Gitlab, Github), Jenkins, Gevent, Fingerprint, Review Board, Jenkins, Wiki, Confluence, HEKA  
Frameworks: Django, Qt, Flask, Tornado  
Databases: MySQL, MongoDB  
Cloud: Amazon Web Services (AWS), ucloud, google cloud service  
Networking: DNS / DNS Server, TCP / IP, Load Balancing

## PROFESSIONAL EXPERIENCE

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**nWAY**, Seoul, Korea

**Server Engineer**, 8/2015 -

Technical Scope: C++, Python, node.js, php, JIRA, Confluence, svn, Window server (game server), linux server(chatting server, some tools), jenkins, aws, mssql

I add some feature on Chronoblade game in Korea and China.

Website : <http://nway.com/>

**CDNETWORKS**, Seoul, Korea

**Software Engineer**, 12/2014 - 8/2015

Technical Scope: Linux Ubuntu, Debian, JIRA, Git, Review Board, Jenkins, Wiki, Confluence, Python, Go, Lua, ElasticSearch, HEKA

Make new solution for analyse log data. especially I focused on transform informal data to formal data when collecting log data.

**iPLATEIA, INC.**, Seoul, Korea

**Software Engineer**, 4/2013 - 6/2014

Technical Scope: Linux Ubuntu, Windows, Fingerprint, AWS Storage, GitHub, Flask, Gevent, MongoDB, MySQL, Selenium, Python, JSP, Java, HTML, JavaScript, Coffee, jQuery, AWS API, ucloud API

Perform software engineering for start-up IT services company to optimize Web site performance, including image server using AWS storage, Flask, and Python and cloud setup on AWS. Manage Amazon, ucloud, speech recognition, and crawling systems.

**Key Project / Achievement:**

- Developed dobi.tv mobile and desktop applications for iOS and Android devices; used JSON API system, Python, and Flask framework.
- Designed and developed office console system using Python, Socketio, Gevent, APScheduler; system includes task management, auto crawling, activity logging, and ucloud / AWS cloud server monitoring.
- Reprogrammed and migrated existing site from MySQL and JPS to cloud-based Flask and Python; developed new system using Flask, Python, and MongoDB.

**CDNETWORKS**, Seoul, Korea

**Software Engineer**, 8/2010 – 3/2013

Technical Scope: Linux Ubuntu, Debian, Windows, JIRA, Subversion, Review Board, Jenkins, Wiki, Confluence, MySQL, MongoDB, Django, Python, C, C++, Java, PHP, Qt, HTML 5, CSS, LESS, JavaScript, Shell Scripts, Template Languages

Held responsibility for developing new functionality for Global Server Load Balancers (GSLB) providing continuous monitoring of cloud storage servers.

**Key Projects / Achievements:**

- Incorporated static record handling zone function matching bind zone to GSLB; used C++ and Python.
- Created dynamic relay server selection on DNS based on each server score using C++ and Python.
- Built operation portal to centralize all server resource management and migrated all data; used Django and Python.
- Created bug report system enabling users to submit crash reports through Web site to provide developers with crash statistics using Python, Django, GDB, and MongoDB.
- Developed DDOS shelter dashboard and management tool to view traffic, server status, and report system using Django and Python.
- As sole employee with knowledge of Python (Django) and DNS background server, selected to travel twice to San Diego for a total of five months.

**ACTIVITY & CONTRIBUTE**

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**PyCon Korea member of organizer**, 2014, 2015

<http://www.pycon.kr/>

- PyCon Korea 2014, PyCon Korea 2015

**PyLadies Seoul Chair**, 2014 ~ Present

<http://www.pyladies.com/locations/seoul/>

<https://www.facebook.com/groups/pythonkorea/>

**MongoDB commit**

<https://github.com/mongodb/mongo/pulls?utf8=%E2%9C%93&q=author%3ABloodevil+>

**Github**

<https://github.com/Bloodevil>

## **EDUCATION & CREDENTIALS**

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**Bachelor of Arts in Computer Science**, 2010

SOOKMYUNG WOMEN'S UNIVERSITY, Seoul, South Korea

*IBM Campus Wizard ~ Sookmyung Linux User Group (Solux)*

***Professional Development:***

DB2 9 Fundamentals ~ PHP Fest