

YEA JI SHIN

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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

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

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

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

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