

PEERAKIT **CHAMP** SOMSUK

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SKILLS SUMMARY:

- 8-year working experience in the IT industry
- Strong programming in Python with 5-year experience
- 5-year working experience in Data Warehousing and performance tuning (Teradata, MySQL, DB2, Postgres, Oracle) + 1-year experience with NoSQL (Mongo DB)
- Expertise in web full stack (Front-end and Back-end), cloud computing on AWS
- Expertise in Auto deployment process and scripting language for Server, and Auto build script
- Experienced in QA white box and black box testing, Unit testing, System Integration and User Acceptance Testing
- Familiar with API, SDK development
- Familiar with automation testing and Continuous Integration tests
- Familiar with modern web technologies jQuery, backbone.js, Node.js, HTML5, CSS3
- Proficient on working in start up environment and multitasking
- Ability to multitask and self-manage in a fast paced and start-up environment

EDUCATIONS:

University of San Francisco , San Francisco, CA M.S., Web Science with an Emphasis in Entrepreneurship	2009–2011
King Mongkut's Institute of Technology Ladkrabang , Bangkok, Thailand B.E., Information Engineering	2002–2006

RELATED WORK EXPERIENCE:

Exablox Inc., Sunnyvale, CA Sep 2012–Present
Software Engineer

Exablox is a company reimagines storage solution for businesses. The main products are including OneBlox, and OneSystem. OneBlox is an object based storage system with ability to scale out availability and capacity. OneSystem is secure cloud based management service that enables monitoring, reporting and managing OneBlox storage resource.

- Developed API for managing OneBlox.
- Developed syncing mechanism on OneBlox that provides data for monitoring and reporting on webserver in real-time. (Alarms, Notifications, Report)
- Developed Reporting server that provides both Ad-hoc, and real-time data.
- Developed way to transfer user sensitive password using RSA encryption/decryption.
- Developed web application to manage and monitor deployment process to AWS.
- Built continuous integration testing system and deploy code to the developing environment.

Technologies: Django, nginx, nosetests, Jenkins Continuous Integration server, Sentry, apache, virtualenv, fabric, boto, south, redis, celery, postgres, twisted, gevents

RELATED WORK EXPERIENCE:

Socialize Inc., San Francisco, CA (Acquired by ShareThis, Inc)

Jun 2011–Sep 2012

Automate QA Engineer and Web developer

Socialize, a social platform for mobile application with 10M users around the world with 8M requests per day, helps developers make their apps easily become social, boost their download, and increase users' activity. My responsible areas are Website development and testing, API integration, Mobile integration testing and also developing auto deployment process. I am the only QA for this project and working closely with 4 other engineers and founders. Socialize got acquired by [Sharethis Inc.](#)

- Built a continuous integration tests for API and Website from scratch.
- Developed auto deployment process for website, and sample app (iOS and Android).
- Developed private SDKs for website to consume data from API private endpoints and conducted tests with live server.
- Create report and alert system for website using Splunk.
- Implemented website's user dashboard, email system, and application gallery.
- Search, track and destroy all bugs in the system including API, Website and SDKs.

Technologies: Django, nginx, nosetests, Teamcity Continuous Integration server, selenium web driver, virtualenv, oauth2, js, ajax, jQuery, pip, fabric, puppet, boto, south, json, KIF, Robotium.

University of San Francisco, San Francisco, CA

Research Assistant and Programmer Assistant

- Developed a system for storing, managing, and visualizing earthquake monitoring data from large-scale scientific workflows with Lawrence Berkeley Lab using Python web service API for databases (MySQL, Mongo DB) and integrated with web interface in MVC framework.
- Designed and developed cross-platform mobile application using Rhodes framework. Worked closely with SunGard Higher Education pre-release product to implement mobile application for University of San Francisco.

Intelion Co., LTD, Bangkok, Thailand

Dec 2007–Dec 2008

Technical Analyst

- Designed and developed business intelligence modules for Siam Commercial Bank, and Bank of Ayudhya data warehouse using Oracle Data Integrator on Teradata database
- Conducted system integration testing and user acceptance testing before release

IBM Solution Delivery Co., LTD, Bangkok, Thailand

Apr 2006–Dec 2007

Application Analyst

- Designed and developed Extract, Transform and Load processes for a data warehouse and associated data marts using shell scripts, stored procedures, and functions for generating SQL on DB2.

COURSEWORK & PERSONAL PROJECTS:

Personal project: <http://map-it-out.appspot.com>

Dec 2011

- There was a flood disaster in Thailand in December 2011. I created a simple web application for reporting flood status and emergency incident using Google App Engine, Google map API, and scraped data from news and organizations that provide geo-location data, also share their report to Facebook and Twitter. This is open source project on github.com/champs/map-it-out.

Fall 2009

Distributed file sharing website with torrent method

- Developed a file sharing application written in Java using the RESTlet framework and XSLT. The system allows users to back up and restore files across multiple computers in torrents style. Users authenticate through Google accounts allowing the service to access Google Documents.