

DAVID V. SYMONS

// ABOUT ME

I have seven years professional experience building and maintaining web based applications. My emphasis is on using agile methodologies to build large SaaS applications with proficiency in a variety of technologies including PHP, Python, JavaScript, PostgreSQL, MySQL, Memcache, Cassandra.

// EXPERIENCE

- 2014 Software Development Manager – Zonar Systems**
Managed a team of developers focused on Zonar's customer facing flagship application Ground Traffic Control (GTC). GTC Received millions of requests a day handling petabytes of GPS data.
- 2011 Software Development Engineer – Zonar Systems**
Used Zend Framework, PostgreSQL, Python, and Cassandra to build and maintain web based projects. Notable contributions to Edison Award winning Z Pass and Z Pass+. Built functional tests to ensure end-to-end JSON based API functionality.
- 2009 Web Applications Manager – Pacific Software Publishing, Inc.**
Manager responsible for full project life cycle of all web applications. I restored a high profile bilingual (English/Japanese) blogging service using a custom built MVC framework. Additionally I configured CentOS servers for new web applications and multi-user environments.
- 2007 Web Applications Developer – Western Washington University**
Used PHP, Python, and MySQL to develop, modify, and maintain new and existing web based projects. I helped administer a 5000+ node residential network while interfacing with staff members to test and refine both new and existing projects.

// CONTACT



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<https://github.com/aosyborg>



<http://aospace.com>

// SKILLS

PHP, Zend Framework, JavaScript, jQuery

PostgreSQL, MySQL

Python, Pyramid

Cassandra

// EDUCATION

Bachelor of Science in Computer Science Western Washington University 2009

Intensive Japanese Study KCP International Language Institute 2006

Associate of Arts & Science Bellevue Community College 2006

// JUST FOR FUN

SyOps: <https://github.com/aosyborg/syops>

One of the first things you should consider when starting any project is how you will deploy it. Written in Python using the Pyramid framework, SyOps is how I deploy code. You login using GitHub via OAuth and then tie your repositories in. Then, using a predefined script SyOps will clone your repository, build your package, and host the final Debian package in it's own repos. If you then add SyOps to your sources.list file, you have fully automated deployments. More information (including a flow chart) is available on the GitHub wiki.

Duckhunt Remake: <https://github.com/aosyborg/duckhunt>

I've always loved the original Duckhunt for the NES and this is my ode to it. Written in Python using Pygame, Duckhunt Remake was my dabble into game programming. Oddly enough it has gotten decent reviews and even had an Air Force contractor use it to help test gesture-computing devices.