Nicholas Pettas

Java/PHP Software Engineer

■ Profile

Accomplished software engineer specializing in object-oriented approaches to application deployment. Proven track record of designing and implementing efficient and robust software applications. Strengths include:

- Object Oriented Design
- Database Deployment
- Web Based Applications
- Distributed/Client Server Systems
- Multi-Threaded Programming
- Experience with Key/Value NoSql

■ Technical Skills

Languages:	Java, PHP, Python, Javascript, Unix Shell Scripting
APIs	REST, SOAP, J2SE, J2EE
Methodologies:	OOP/D, UML, Design Patterns, Test-Driven, Extreme programming
Middle-ware:	Nginx, Apache, lighttpd, Tomcat, Varnish, Haproxy
OS:	Unix/Linux, Mac OS, Windows, Android, iOS
Databases:	Mysql, PostgreSQL, Hbase, Hive, SQLite, Memcached
Networking:	TCP, UDP, HTTP
Tools:	Eclipse, PHPStorm, VIM, Jenkins, Maven, Composer

■ Professional History

Imageshack Corp, Los Gatos, CA, Oct 2008 - Present
ImageShack is a subscription-based image hosting website

Software Engineer
Develop and maintain Java and PHP based platform applications. Responsible for core back-end technology development including analysis, design, coding, and testing for large code bases such as Imageshack REST API, yFrog for Twitter, and yFrog Social.

- Developed data schema and table designs. Developed and optimized complex SQL queries for use on large scale tables.

- Designed, developed, and maintained Imageshack and yFrog image upload, storage, and resize services.

- Designed, developed, and maintained Imagehack's PHP REST API back-end.

- Built and maintained web server configurations using a combination of Nginx, Haproxy, Varnish and Tomcat.

- Contributed to Imageshack Hbase Java APIs

- Contributed to Skypath applications on both the Android and iOS platforms.

■ Professional History (Continued)

Imageshack Corp (Continued)

Accomplishments:

- Winner of a company wide Android coding contest, involving fastest discovery of numerical factors that are closest to a square of an arbitrary large integer.
- Three time employee of the month winner within the last year.
- Most commits and lines of code contributed to the companies code bases.

Streamline Circuits, Santa Clara, CA, Sept 2006 - Oct 2008
Streamline Circuits is a leading provider of high quality Printed Circuit Boards

Test Programmer
Development of CAM Probe Tester programs for multilayered complex circuit boards. Built automated bash scripts to deliver and maintain test programs to multiple Testing machines.

■ Education

Enrolled, Computer Science And System Programming, Foothill College, 2012 - Present
3.89 GPA, 30 units remaining