

# PANAGIOTIS PAPADOMITSOS

## CURRICULUM VITÆ

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### ELEVATOR PITCH

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Systems and Software engineer specializing in conception, design and implementation of distributed applications and their supporting infrastructures running on **GNU/Linux**, FreeBSD and Microsoft Windows operating systems with equal experience in leading and managing both development and operations-oriented teams.

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### PROFESSIONAL EXPERIENCE

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**Phlock Inc.** :: San Francisco, California :: [www.phlock.io](http://www.phlock.io)

2015 – now

*Co-Founder / CTO*

- Responsible for the conception, development and implementation of the infrastructure supporting the Phlock mobile apps and web platform, the project's website and parts of the web application.
- Designed and developed the project's backend service in Erlang and C, focusing on superior image operations and user experience.
- **Tags:** AWS, Chef, Splunk, PostgreSQL, NGINX, Lua, Erlang, GraphicsMagick, C, AngularJS, Gulp

**Splunk Inc.** :: San Francisco, California :: [www.splunk.com](http://www.splunk.com)

2013 – now

*Head of Mobile Intelligence Cloud*

- Responsible for the conception, development and implementation of the Cloud infrastructure supporting the Mobile Intelligence product.
- Development Lead on a family of Erlang-based projects that receive and process more than 150.000 reqs/sec from mobile devices all over the world. Holder of a total of 4 patents related to those projects.
- Team lead for the Infrastructure Automation, CI/CD, Operations and Erlang Development teams, collectively managing 4 direct reports.
- **Tags:** AWS, Google AppEngine, Chef, Ansible, Graphite, Grafana, Splunk, Jenkins, Bamboo, Kubernetes, Docker, Erlang, Elixir, Git/Stash

**BugSense Inc.** :: San Francisco, California :: [www.bugsense.com](http://www.bugsense.com)

2012 – 2013

*Head of Infrastructure*

- Responsible for the design and implementation of the company's cloud infrastructure and various supporting services.
- Development Lead of the Erlang/C/Lisp in-memory streaming database that supports the company's "Insight Boxes" analytics offering.
- Member of the team that led to the successful acquisition of BugSense Inc. by Splunk Inc. on September 2013.
- **Tags:** AWS, Google AppEngine, Windows Azure, Chef, Percona MySQL, JIRA, Memcached, Redis, uWSGI, NGINX, Lua, PHP-FPM, Sinatra, Celery, RabbitMQ, Sensu, Ganglia, Mercurial, Git, Python, Ruby, Erlang, C, PHP, Elasticsearch, Logstash, Graphite, Riemann, LXC/Docker, Jenkins

**dnHost Web Hosting Agency** :: Athens, Greece :: [www.dnhost.gr](http://www.dnhost.gr)

2009 – 2012

Director of Engineering

- Responsible for the design and implementation of the company's cloud infrastructure and services.
- R&D department lead developer.
- **Tags:** Rackspace Cloud, VMWare vSphere, Parallels Virtuozzo, KVM, IPv6, Percona MySQL, Memcached, Redis, Apache, OpenVPN, Asterisk, Bind, Litespeed, Tomcat, NGINX, PHP-FPM, Postfix, Zabbix, Ganglia, SpamAssassin, PHP, HTML5, CSS3, Smarty, CodeIgniter, Yii Framework, XML-RPC/SOAP, jQuery, Subversion, Cisco Catalyst, Windows Server, IIS 7.5, ASP.NET, SmarterMail, R1Soft CDP

**Hellenic Lifeguard Academy** :: Athens, Greece :: [www.enak.gr](http://www.enak.gr)

2005 - 2006 & 2007 - 2009

IT Director

- Responsible for the design, management and maintenance of company's network and system infrastructure.
- Responsible for the company's online presence.
- **Tags:** XHTML, CSS2, MySQL, PHP, Joomla, Asterisk, Active Directory, Citrix XenServer, KVM, DansGuardian, OpenVPN

**Wanderful Solutions L.T.D.** :: Athens, Greece :: [www.wanderful.gr](http://www.wanderful.gr)

2006 - 2007

IT Solutions Engineer

- Lead IT Solutions engineer, responsible for the design, implementation and support of small and medium scale internetworked applications and infrastructure.
- **Tags:** XHTML, CSS2, Asterisk, Windows Server, Active Directory, Microsoft Exchange Server, Borland Delphi

**Operating Systems Laboratory, T.E.I. of Piraeus** :: Athens, Greece :: [www.teipir.gr](http://www.teipir.gr)

2002 – 2004

System & Network Administrator

- Responsible for the management and maintenance of the laboratory's server farm and application infrastructure.
- **Tags:** XHTML, CSS2, FreeBSD, IPFilter, SunRay Terminals

**Interactive Telecom S.A.** :: Athens, Greece

2000 – 2002

System & Network Administrator

- Responsible for the management and maintenance of the company's local computer network.
- **Tags:** Microsoft Windows Networking, Windows 2000 Server

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## EDUCATION

Technological Educational Institute of Piraeus

2002 – 2012

Department of Electronic Computer Systems and Information Technology

**BSc in Electronic Computer Systems Engineering, GPA 7.45/10.0**

**Thesis subject:** Statistical calculation of xDSL/ATM line parameters using online GIS systems

**Honors:** Admission scholarship, after achieving 6<sup>th</sup> place in admission order.

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## TALKS

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- Erlang Factory SF Bay 2016, San Francisco March 10<sup>th</sup>, 2016  
**Subject:** *Improving RPC calls in Erlang and Elixir*
- ErLounge Erlang Meetup, San Francisco April 14<sup>th</sup>, 2014  
**Subject:** *Introducing the Cloud Data Collector for IoT*
- OpenFest F/OSS Symposium, T.E.I. of Piraeus December 14<sup>th</sup> to 15<sup>th</sup>, 2002  
**Subject:** *Design and implementation of a university's lab IT infrastructure using Free and Open Source Software.*

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## SEMINARS

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- EuRuKo 2013 Badminton Theater, Athens  
May 2013
- FOSSCOMM 2013 Charokopio University  
May 2013
- Install, configure and manage VMWare vSphere 4.1 Performance V.A.D.  
December 2010
- HP Certified Professional Hewlett-Packard Hellas  
January - March 2007
- OpenFest F/OSS Symposium T.E.I. of Piraeus, Athens  
December 14<sup>th</sup> to 15<sup>th</sup>, 2002
- GRNet F/OSS Symposium Holiday Inn Hotel, Athens  
June 27<sup>th</sup>, 2002

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## OTHER PROFESSIONAL ACTIVITIES

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- Scientific associate for Packt Publishing, recently reviewed “Mastering Chef” by Mayank Joshi.
- Member of the Athens Wireless Metropolitan Network (A.W.M.N.) with Node ID #4813.
- Regular speaker at the San Francisco Erlang meetup.

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## FOREIGN LANGUAGES

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- English** Mother-tongue fluency in both written and oral level.  
**Certifications** *Certificate of Proficiency in English, University of Cambridge*
- French** Fluent in both written and oral level.  
**Certifications** *IFA DELF 2*
- Greek** Mother-tongue fluency in both written and oral level.

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## PERSONAL INTERESTS

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Astronomy, literature, photography, fingerstyle guitar, ice hockey, snowboarding.