

Vassilis Kanellopoulos

Computer & Informatics Engineer

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Personal information

Name	Vassilis	Surname	Kanellopoulos
Father's name	Dimitrios	Birth year	1979
Marital status	Married with child		

Work experience

Software Engineer

- June 2016 **Senior Software Architect**, University of Patras, Special Account for Research
December 2016 Funds, Campus of University of Patras, Greece.
Participation in project "Design and Development of Operations for the Insurance Products of the Interamerican OnE application" for Interamerican Insurance Company
Main duties
- Design and development of web applications in Java.
- May 2016 **Software engineer**, Greek School Network and Networking Technologies
September 2016 Directorate - Computer Technology Institute and Press "Diophantus", Campus of University of Patras, Greece.
Participation in project "Support Infrastructure and Services of Greek School Network - In ΠΣΔ"
Main duties
- Maintain and extend GSN's services and applications
- March 2016 **Software engineer**, Greek Geeks S.A., 55, Kifissias Avenue, 15123 Marousi,
June 2016 Athens, Greece.
Participation in development of the MOUZENIDIS Event Catalog web application
- March 2016 **Web application software engineer**, Greek School Network and Networking
May 2016 Technologies Directorate - Computer Technology Institute and Press "Diophantus", Campus of University of Patras, Greece.
Participation in project "Actions co-financed by the European Globalisation Adjustment Fund (EGF) - NUTRIART S.A."
Main duties
- Participation in extending the <http://voucher.gov.gr> platform.
- October 2015 **Web application software engineer**, Greek Geeks S.A., 55, Kifissias Avenue,
February 2016 15123 Marousi, Athens, Greece.
Participation in development of <https://www.trip2athens.com>.
Main duties
- Integrate platform reviewing system with Olery web services (<http://www.olery.com/>). Development of a Jomres platform plugin that provides Olery Hotel Reviews.
 - Presenting car-rental and flight booking information, provided by the skyscanner web API (<http://skyscanner.com>) for <https://www.trip2athens.com/TripPlanner/>
- August 2015 **Web application software engineer**, The Greek Research and Technology
October 2015 Network (GRNET S.A.), Athens, Greece.
Participate in work package "Financial Aid for development projects GFOSS" of the project "Electronic Services for the Development and Dissemination of Open Source"
Main duties
- Plugin development for the ILS Koha

- May 2015 **Software engineer**, BIOLAB S.A. Chemical and Microbiological Laboratory
 August 2015 Research - Analysis and quality control, 68, Gefyra Artas, Arta, Greece.
 Design and development of a back-office web application for administering analyses and certificates of customers
- May 2012 **Web application software engineer**, Greek School Network and Networking
 November 2015 Technologies Directorate - Computer Technology Institute and Press
 "Diophantus", Campus of University of Patras, Greece.
 Participation in project "STIRIZO - Horizontal project to support schools, teachers and students on the way to DIGITAL SCHOOL. New services of GSN Network and support of DIGITAL SCHOOL"
- Main duties**
- o Participation in design and development of the application "Unified Environment for administering the GSN".
 The application interconnects and integrates a number of heterogeneous systems and services of the GSN, such as LDAP, web services and APIs, CAS authentication, etc.
 - o Participation in design and development of the Cloud service for GSN.
 Installation and configuration of OpenStack software..
 - o Participation in design and development of the E-class service for GSN.
 - o Team Lead programmer.
 - o Participation in authoring technical reports and deliverables documents.
- Other duties**
- o Contributions to other projects of the Directorate.
 - o Configuration and customization of web servers.
 - o Programming in bash, perl for automating backoffice functions on servers.
 - o Upgrade of the central repository from mercurial to git.
- November 2009 **Web application software engineer**, Greek School Network and Networking
 April 2012 Technologies Directorate - Computer Technology Institute and Press
 "Diophantus", Campus of University of Patras, Greece.
 Participation in project "Technical consultant"
- Main duties**
- o Development of web application for the management of schools and users of the Greek Schools Network, through LDAP service (GSN User Management Environment).
 - o Participation in the development of the portal Greek School Network <http://www.sch.gr>.
 - o Upgrade and adapt of the web application for Electronic Mail of GSN <http://webmail.sch.gr>
 - o Development of a back-office application for monitoring and addressing incidents of abuse for the email service of GSN.
 - o Participation in design of applications.
 - o Participation in authoring technical reports and deliverables documents.
- Other duties**
- o Contributions to other projects of the Directorate.
 - o Programming in bash, perl for automating backoffice functions on servers.
 - o Configuration and customization of web servers.
 - o Install and configure of a central repository for source code with mercurial DVCS.
- November 2003 **Web applications programmer**, Ionian Technologies LTD, Patras, Greece.
 March 2004 **Main duties**
- o Website development in Microsoft ASP (VBScript), MS SQL, html, css and JavaScript.
- Technical support**
- January 2005 **Technical support for the Greek School Network**, Greek School Network
 February 2005 and Networking Technologies Directorate - Computer Technology Institute and Press
 "Diophantus", Campus of University of Patras, Greece.
 Participation in project "EDUNET 3 - Advanced telematics services for the Secondary Education: Development and Support of Advanced Telematics of Services for the Secondary educational units of Prefectures Aitolokarnania, Arkadia, Achaia, Zakynthos, Iliia, Kefallinia, Lakonia, Messinia and Fokida"
- Main duties** Supporting schools and users of the GSN:
- o Email
 - o Web hosting
 - o Solving network connectivity problems for schools

April 2004 **Technical support for the Greek School Network**, Greek School Network
December 2004 and Networking Technologies Directorate - Computer Technology Institute and Press "Diophantus", Campus of University of Patras, Greece.

Participation in project "Advanced telematics services for the primary education: Development and support of advanced telematics services for the primary education units of the Western Greece"

Main duties Supporting schools and users of the GSN:

- o Email
- o Web hosting
- o Solving network connectivity problems for schools

April 2000 **Networks & Telecommunication Laboratory**, Department of Electronic
September 2000 Engineering - Technological Educational Institute of Athens, Athens, Greece.

- o Supporting lab operation during internship

Teacher

February 2004 **Department of Technicians of Computer Applications**, 2^o Public Institute
June 2004 of Vocational Training of Patras, Patras, Greece.

- o Introduction to computer programming
- o Programming in Pascal

October 2003 **Department of Technicians Installations Cooling , Ventilation & Air**
February 2004 **Conditioning**, 2^o Public Institute of Vocational Training of Patras, Patras, Greece.

- o Introduction to Electronics & Circuits (Laboratory)

Education

2005 - 2009 **Computer & Informatics Engineer**, University of Patras - Polytechnic School,
Department of Computer Engineering & Informatics, Patras, Greece.

Thesis: "Study, design and development of Wireless Sensor and Actor Networks"

1996 - 2000 **Electronics Engineer**, Technological Educational Institute of Athens -
Department of Electronic Engineering, Athens, Greece.

Thesis: "E-Commerce - Study and development of E-Commerce applications"

Languages

Greek **First Language**

English **FCE**

French **DELF**

Technical skills

Web Programming

PHP **10+ years of experience in programming with PHP.**

- o Object oriented & functional programming
- o Experience in develop application with Zend Framework 1 & 2, Slim Framework 2 & 3
- o Development of Web APIs (REST/SOAP)
- o Extensions for popular software, such as Joomla and WordPress
- o Database ORM, such as Doctrine2 and RedBeanPHP
- o Building e shops base on the OXID platform

JavaScript **Experience in develop application with JavaScript**

- o Web browser programming
- o Development with angularjs, backbone
- o Experience in libraries like jQuery, dojo
- o Server side with node.js

Java **Experience in programming with Java**

- o OOP patterns

- Hibernate ORM
- Unit test με Junit και Mockito
- Apache Wicket για την ανάπτυξη web εφαρμογών
- Bo2 Framework

Web design **Experience in HTML & CSS**

- html5 και css3
- Responsive design

Databases

- Design and development of relational database schemas in MySQL
- Development of applications using mongoDB

System administration

Services **Experience in administrating services**

- Web servers, Apache, nginx
- MySQL

Shell scripting **Script programming Linux & Solaris**

- bash, Perl and python
- File synchronization among servers
- Log parsing
- Cron jobs

General programming knowledge

Methodologies **Knowledge of agile software development**

- Test Driven Development (TDD)

Design Patterns **Experience in Design & Programming patterns**

- Object oriented design & programming following the SOLID principles

VCS **Experience in repository management**

- Git, Mercurial, SVN

Other languages

- Python, Perl, C#, C, C++

Free Software / Open Source Software contribution

- Contributing to various projects through github (<https://github.com/kanellov>).
- Member of “Monades Aristias of Open Source Software” of the Greek Free/Open Source Software Society (<http://ma.ellak.gr>)