




VASILEIOS KANELLOPOULOS

Nationality: Greek  (+30) 6936971720 **Date of birth:** 17/03/1979 **Gender:** Male

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WORK EXPERIENCE

Senior Software Architect

Scytáles [01/2017 – Current]

City: Täby

Country: Sweden

Participation in ISO/IEC 18013-5 mDL/mID and mValidator products.

- Design and development of mobile applications based on functional requirements of ISO/IEC 18013-5. Technologies: Java, Kotlin, Kotlin/Native (for android and iOS), Objective-C, SWIFT, C/C++, android Jetpack.
- Security and protection using DexGuard, iXGuard
- ISO/IEC 18013-5 implementation for android NFC, Bluetooth LE and Wifi Aware
- Testing with Espresso testing framework and Firebase Test Lab
- Releasing applications
- Application optimization and UI improvements
- Continuous application upgrades keeping up with latest technologies
- Contribute in application's API design and development using .NET Core / Azure technologies

Senior Software Architect

Computer Engineering and Informatics Department, Special Account for Research Funds [01/2020 – 04/2022]

City: Campus of University of Patras

Country: Greece

Participation in project "HappyCruise - Integrated Personalized Information System and Security for the development of Tourism"

- Design and Develop android applications. Technologies: Java, Kotlin and Kotlin/Native, Espresso testing framework, Firebase Test Lab
- Development using Android Jetpack libraries for navigation, UI databinding, dependency injection with hilt, biometric etc.
- Participate in development of application's API using .NET core and Node.js

Senior Software Architect

Computer Engineering and Informatics Department [02/2018 – 12/2019]

City: Campus of University of Patras

Country: Greece

Participation in project "Discovery and Prediction of Possible Problems in the Clients' Services Delivery Using Machine Learning Techniques based on a Big Data with Cloudera Hadoop Infrastructure", funded by **COSMOTE**

- Application development on Apache Spark using Scala, Java and Python
- Streaming technologies such as Kafka, Spark Streaming and Storm

- Hadoop ecosystem (HDFS, Hive), including NoSQL technologies such as Hbase, Cassandra, MongoDB
- Performance tuning of spark applications
- Building Spark Scripts by utilizing Scala shell commands.

Senior Software Architect

University of Patras, Special Account for Research Fund [06/2016 – 12/2019]

City: Campus of University of Patras

Country: Greece

Participation in project "Design and Development of Operations for the Insurance Products of the Interamerican OnE application" for **Interamerican** Insurance Company

- Technologies Java, JavaFX, Hibernate ORM, Apache Wicket, Bo2 Framework, Maven, Gradle, Jenkins, Junit and Mockito
- SCRUM

Software developer

Computer Technology Institute and Press "Diophantus" [11/2009 – 09/2016]

City: Campus of University of Patras

Country: Greece

Greek School Network and Networking Technologies Directorate

Contributing to the following projects:

03/2016 - 05/2016 | Project "Actions co-financed by the European Globalization Adjustment Fund (EGF) -- NUTRIART S.A."

- Development for extending the <http://voucher.gov.gr> platform. Technologies used: PHP, HTML, CSS, Javascript, ZendFramework, MySQL.

05/2012 - 11/2015 | 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"

- Design and development of the application "Unified Environment for administering the GSN", interconnecting and integrating a number of heterogeneous systems and services of the GSN, such as LDAP, web services and APIs, CAS authentication, etc. Technologies used: PHP, HTML, CSS, Javascript, ZendFramework, MySQL, DoctrineORM.
- Design and development of the Cloud service for GSN. Installation and configuration of OpenStack software
- Design and development of the E-class service for GSN.
- Authoring technical reports and deliverables documents.

11/2009 - 04/2012 | Project "Technical consultant" of Greek Mistry of Education

- Development of web application for the management of schools and users of the Greek Schools Network, through LDAP service (GSN User Management Environment).
- Development of the portal Greek School Network <http://www.sch.gr>.
- Upgrade and adapt of the web application for Electronic Mail of GSN <http://webmail.sch.gr>
- Development of a back--office application for monitoring and addressing incidents of abuse for the email service of GSN.
- Participation in design of applications.
- Participation in authoring technical reports and deliverables documents.

Software developer

Greek Geeks S.A. [10/2015 – 06/2016]

City: Marousi, Athens

Country: Greece

- Integrate Olery web services (Reviewing System) (<http://www.olery.com>) with <https://www.trip2athens.com>, using PHP/MySQL technologies
- Integrate Car-Rental and Flight booking information from SkyScanner web API (<http://skyscanner.com>) with <https://www.trip2athens.com/TripPlanner>, using Javascript technologies.
- Participate in development of MICE platform for Mouzenidis Group <https://group.mouzenidis.com>, using ASP.net technologies.

Software developer

The Greek Research and Technology Network (GRNET S.A.) [08/2015 – 10/2015]

City: Athens

Country: Greece

Participate in work package "Financial Aid for development projects GFOSS" of the project "Electronic Services for the Development and Dissemination of Open Source".

- Plugins development in Perl for Koha ILS (<https://koha-community.org>).

Software developer

BIOLAB S.A. Chemical and Microbiological Laboratory Research - Analysis and quality control [05/2015 – 08/2015]

City: Arta

Country: Greece

Design and development of an intranet web application for administering microbiological tests, analysis and certificates.

- Technologies used: PHP, MySQL, AngularJS, ZendFramework, DoctrineORM

Technical support

Computer Technology Institute and Press "Diophantus" [04/2004 – 02/2005]

City: Campus of University of Patras

Country: Greece

Greek School Network and Networking Technologies Directorate

Support schools and users of the GSN for services such as email, web hosting and network connectivity

- 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, Ilia, Kefallinia, Lakonia, Messinia and Fokida"
- Project "Advanced telematics services for the primary education: Development and support of advanced telematics services for the primary education units of the Western Greece"

EDUCATION AND TRAINING

Integrated Master on Computer Engineering and Informatics

University of Patras - Polytechnic School, Department of Computer Engineering & Informatics [2005 – 2009]

Address: University of Patras, 26504 Patras (Greece)

<https://www.ceid.upatras.gr>

Computer & Informatics Engineer

University of Patras - Polytechnic School, Department of Computer Engineering & Informatics [2005 – 2009]

Address: University of Patras, 26504 Patras (Greece)

<https://www.ceid.upatras.gr>

Field(s) of study: Computer Science

Final grade : 8.58 / 10 (Graduate with honours)

Type of credits: 300

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

Electronics Engineer

Technological Educational Institute of Athens - Department of Electronic Engineering [1996 – 2000]

Address: Athens (Greece)

Field(s) of study: Electronics

Final grade : 7 / 10

Thesis: eCommerce - Study and development of eCommerce applications

LANGUAGE SKILLS

Mother tongue(s): **Greek**

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

French

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

HOBBIES AND INTERESTS

Cycling

Trekking

Stand up paddling

Hang out with friends