

## Angelos Anagnostopoulos

Nationality: Hellenic, DoB: 20/04/76

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### Software engineer

Has accumulated 13 years of real-world experience in various Java SE and EE frameworks. Has also worked with most major database platforms, as well as mobile applications and Javascript/Typescript.

### Professional Experience

*June 2018 – Present*

Software Engineer – Employer: [Currency Fair](#)

End-to-end implementation of existing/new product features, aimed at B2C and B2B.

Technologies: **Oracle, Spring Data JPA/Core, React.js, PHP, AWS, Vagrant, Chef, Jenkins**

Takeaway: Working in coordination with a 10+ member team, on a large scale product requiring 24/7 availability

*September 2017 – June 2018*

Software Engineer – Project: [PublicPro](#) – Employer: [Public Soft](#)

Technical coordination for the implementation of a web based application, responsible for handling the public sector's procurement work-flow.

Technologies: **MySQL, Spring Data JPA-REST-Boot, Vue.js, OpenAPI, SwaggerHub, Docker, Jenkins**

Takeaway: Technical team coordination and guidance

*May 2017 – November 2017*

Software Engineer – Project: European Parliament Members CRM – Employer: [Sastix](#)

Built custom tool, facilitating migration between platform version database models. Built Use Cases UI screens, as defined by the European Parliament.

Technologies: **Oracle, Spring MVC, Ext.js, Docker**

Takeaway: Leading a three people team, using cutting edge collaboration tools and a Kanban procedure

*May 2017 – November 2017*

Software Engineer – Project: CERIF Reporting Tool for the H2020 RICH Observatory – Employer: [National Documentation Center](#)

Refactoring, customization and integration into the RICH observatory site of an existing, web-based, CERIF entity report & visualization application.

Technologies: **MySQL, Spring Data JPA-MVC-REST-Boot), Knockout.js, Docker**

Takeaway: Heavy use of the MVVM pattern in a Javascript environment.

*November 2016 – July 2017*

Software Engineer – Project: [H2020 AURORA “Advanced Ultraviolet Radiation and Ozone Retrieval for Applications”](#) - Employer: [Epsilon](#)

Design and implementation of a J2EE based REST API, on top of a GIS database, as well as an end-user web based portal.

Technologies: **PostGIS, Spring Data JPA-REST, Aurelia JS, OpenLayers**

Exposure to the OpeNDAP framework, the NetCDF data format and the WMS standard.

*July 2016 – January 2017*

Software Engineer – Project: [Scriptum](#) e-Protocol for National Self Employed Professionals Organization (OAEE) - Employer: [infil](#)

Refactoring & re-implementation of the original, web-based, SCRIPTUM electronic protocol platform, to cover the specific needs of the [National Self-Employed Professionals Organization \(OAEE\)](#).

Technologies: **MySQL, JPA & Hibernate, Spring, ZK MVVM, JAX-WS, OpenKM, Tomcat**

Takeaway: Exposure to e-government work-flows. Major refactoring of an existing software platform.

September 2015 – December 2016

Software Engineer – Project: [H2020-EU.3.7 City.Risks. "Avoiding and mitigating safety risks in urban environments"](#) - Employer: [infil](#)

Design and implementation of a J2EE based REST API, on top of a GIS database. Design of the necessary software infrastructure, facilitating service creation by project partners.

Technologies: **PostGIS, Spring Data JPA-REST, Red5 video server.**

Takeaway: First-time use of the HATEOAS based Spring Data REST framework and video streaming services

November 2013 – June 2016

Software Engineer – Project: [FP7/ICT c-Space "An affordable tool to turn the space surrounding us into a creative experience"](#) – Employer: [Epsilon](#)

Design and implementation of: a GIS enabled database, an HTTP REST based retrieval/storage API, an end-user web portal and Android modules for media content spatio-temporal tagging and upload.

Technologies: **PostGIS, Spring MVC-REST, Elastic Search, Android, Aurelia JS**

Takeaway: Actively participated in an FP7 project through it's entire course, on a technical and logistical level (e.g. attending technical & review meetings, writing deliverables). First-time exposure to a JS based MVVM cutting-edge framework (AureliaJS).

February 2012 – May 2016

Software Engineer – Project: [Dspace@HEAL](#) – Employer: [HEAL Link](#)

Implemented the Digital Repositories (Libraries) for member Institutes of the Hellenic Academic Libraries Link.

Technologies: **Dspace, jQuery, JAX-WS, PostgreSQL, ZK MVVM, RDF, Virtuoso, Spring**

Takeaway: Learned to provide support to member institutes (23 in total) staff, as well as coordinate their efforts to leverage the platform. Familiarized self with virtualization and SaaS techniques.

September 2013 – January 2015

Software Engineer – Project: [CRIS](#) – Employer: [iKnowHow](#)

Design and implementation of a web-based Current Research Information System (CRIS), allowing read/write access to the [CERIF](#) model entities and work-flows.

Technologies: **MySQL, Spring MVC-Data JPA, Elastic Search**

Takeaway: Gained deep insight into the [CERIF](#) semantic ontology. Adopted the Elastic Search platform.

**(Past professional experience available upon request)**

## Military Experience

August 2003 – February 2005

Reserve Officer, Special Forces – Employer: [Hellenic Army](#)

Graduated top of the class from Reserve Officers Training Course. Served as Platoon Commander. Promoted to 2nd Lieutenant upon discharge from service. Certified Static Line Paratrooper.

Takeaway: Commanding personnel under strenuous circumstances. Reached physical & psychological limits.

## Languages

**Hellenic** - Mother tongue, CEFR: **C2**

**English** - Cambridge Certificate of Proficiency in English (Grade: B, Year: 1992), CEFR: **C2**

**Spanish**- DÉLE Diploma Superior de Español (Grade: 85/100, Year: 2003), CEFR: **C2**

## Selected Publications

[1]. Koulouris, A., Anagnostopoulos, A. (2010): "[Theses e-submission tool at the National Technical University of Athens](#)", OCLC Systems and Services: International Digital Library Perspectives, 26 (2), pp. 123-132.

[2]. Anagnostopoulos, A., Trypitsidis, A., Papadakis, N., Bonazountas, M., Kallidromitou, D. (2015): "[Geotagging Software for media content based on EGNOS/GPS Location Based Service \(LBS\)](#)", FOSS4G Europe Como 2015, pp 353-362.

[3]. Anagnostopoulos, A., Mitrou, N. (2016): "[HEAL Institutional Repositories Horizontal Action](#)", HEAL Journal, first issue, second edition, pp. 90-100.