

Personal information

First name(s) / Surname(s) **Angelos Anagnostopoulos**
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Web <http://anagnostic.org>
Nationality Hellenic DoB 20/04/76 Gender Male

Desired employment / Occupational field

Software engineer

Has accumulated 14 years of real-world experience in various Java SE/EE and Javascript frameworks. Has also worked with most major database platforms, as well as GIS applications.

Work experience

Dates	June 2018 – Present
Occupation or position held	Senior Software Engineer – Employer: Currency Fair
Main activities and responsibilities	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
Lessons learned	Working in coordination with a 10+ member team, on a large scale product requiring 24/7 availability
Dates	September 2017 – June 2018
Occupation or position held	Chief Technology Officer – Project: PublicPro – Employer: Public Soft
Main activities and responsibilities	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
Lessons learned	Technical team coordination and guidance
Dates	May 2017 – November 2017
Occupation or position held	Senior Software Engineer – Project: European Parliament Members CRM – Employer: Sastix
Main activities and responsibilities	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
Lessons learned	Leading a three people team, using cutting edge collaboration tools and a Kanban procedure
Dates	May 2017 – November 2017
Occupation or position held	Senior Software Engineer – Project: CERIF Reporting Tool for the H2020 RICH Observatory – Employer: National Documentation Center
Main activities and responsibilities	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), Docker, Knockout.js, Phantom.js, Highcharts
Lessons learned	Heavy use of the MVVM pattern in a Javascript environment.
Dates	November 2016 – July 2017
Occupation or position held	Senior Software Engineer – Project: H2020 AURORA "Advanced Ultraviolet Radiation and Ozone Retrieval for Applications" - Employer: Epsilon
Main activities and responsibilities	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 2.x, Spring Data REST 1.x, JPA 2.x., Aurelia JS 1.x, OpenLayers 3.x
Lessons learned	Exposure to the OpenDAP framework, the NetCDF data format and the WMS standard.

Dates	July 2016 – January 2017
Occupation or position held	Lead Software Engineer – Project: Scriptum e-Protocol for National Self Employed Professionals Organization (OAEE) - Employer: infil
Main activities and responsibilities	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 5.x, JDK 1.8, JPA 2.x, Hibernate 5.x, Spring 4.x, ZK 8.x, JAX-WS 2.x, OpenKM 6.x, Tomcat 8.x, Ubuntu LTS Server 16.04.
Lessons learned	Exposure to e-government work-flows. Major refactoring of an existing software platform.
Dates	September 2015 – December 2016
Occupation or position held	Senior Software Engineer – Project: H2020-EU.3.7 City.Risks. "Avoiding and mitigating safety risks in urban environments" - Employer: infil
Main activities and responsibilities	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 2.x, Spring Data REST 1.x, JPA 2.x., Red5 video server.
Lessons learned	First-time use of the HATEOAS based Spring Data REST framework and video streaming services
Dates	November 2013 – June 2016
Occupation or position held	Senior Software Engineer – Project: FP7/ICT c-Space "An affordable tool to turn the space surrounding us into a creative experience" – Employer: Epsilon
Main activities and responsibilities	Design and implementation of: <ul style="list-style-type: none"> • a GIS enabled database, storing spatially/temporally synchronized video and 3D object data. • HTTP REST based retrieval/storage services. • End-user web portal • Android modules for media content spatio-temporal tagging and upload. Technologies: PostGIS 2.x, Spring MVC 3.x, REST Web Services, Elastic Search, Android, Aurelia JS framework.
Lessons learned	Actively participated in an FP7 project through it's entire course, both on a technical level as well as a logistical one (e.g. attending technical & review meetings, writing deliverables). First-time exposure to a JS based MVVM cutting-edge framework (AureliaJS).
Dates	February 2012 – May 2016
Occupation or position held	Senior Software Engineer – Project: Dspace@HEAL – Employer: HEAL Link
Main activities and responsibilities	Implemented the Digital Repositories (Libraries) for member Institutes of the Hellenic Academic Libraries Link. Technologies: Dspace, jQuery, JAX-WS, PostgreSQL, ZK, RDF, Virtuoso, Spring.
Lessons learned	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.
Dates	September 2013 – January 2015
Occupation or position held	Senior Software Engineer – Project: CRIS – Employer: iKnowHow
Main activities and responsibilities	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: Spring MVC 3.x, Spring Data JPA, Elastic Search 1.x, MySQL
Lessons learned	Gained deep insight into the CERIF semantic ontology. Adopted the Elastic Search platform.
Dates	October 2013 – January 2014
Occupation or position held	Senior Software Engineer – Project: ICT/PSP SUNSHINE "Smart Urban Services for Higher eNergy Efficiency" – Employer: Epsilon
Main activities and responsibilities	Designed and populated a GIS database, storing both static and dynamic, geographical, energy and weather data for various buildings, situated at pilot sites around Europe. Technologies: PostgreSQL including PostGIS extensions, CityGML, JDBC, Java SE, FME.
Lessons learned	First-time interaction with GIS concepts and platforms. Familiarized self with the FME software platform. Performed heavy data homogenization, manipulation and ingestion into a common database.

Dates	April 2013 – October 2013
Occupation or position held	Senior Software Engineer – Project: My Living Record – Employer: ZESI
Main activities and responsibilities	Implemented a web-based Personal Health Record platform, allowing complex interaction between private individuals and healthcare professionals. Technologies: Spring MVC 3, ZK 6, MySQL.
Lessons learned	Adopted the ZK MVVM paradigm. Learned to built a custom application on top of an existing one (OpenMRS). Familiarized self with the concept of semantic meta-data.
Dates	January 2013 – October 2013
Occupation or position held	Senior Software Engineer – Project: ICT Engineers Association Portal – Employer: ICT Eng. Association
Main activities and responsibilities	Implemented aweb portal, supporting integration with the Association's CRM platform. Technologies: Liferay 6.x, Spring 3, PostgreSQL.
Lessons learned	Adoption of the Liferay 6.x portal platform. Built various custom portlets & modified existing ones. Interacted with external user authorization systems.
Dates	June 2012 – December 2012
Occupation or position held	Senior Software Engineer – Project: Suburban Railroad ticketing - Employer: TRAINOSE
Main activities and responsibilities	Built web-based application, used at the National Suburban Railway terminals for ticket issuing. Technologies: Struts 2, jQuery, ZK 6, JPA 2, Hibernate, Oracle 9.
Lessons learned	Handled real-time & concurrency issues. Familiarized self with custom printouts.
Dates	July 2012 – August 2012
Occupation or position held	Software Engineer – Project: AltcineAction - Employer: Altcine
Main activities and responsibilities	Built web based online film festival management platform, allowing film submission, reviewing and voting. Technologies: Struts 2.x, jQuery, ZK 6.x., JPA 2, Hibernate, MySQL.
Lessons learned	Handling large, concurrent and resumable file uploads. Heavy interaction with a web designer.
Dates	April 2012 – June 2012
Occupation or position held	Software Engineer – Project: Real Estate Inventory - Employer: UIT
Main activities and responsibilities	Implemented Web Services pulling data from a nation-wide database and reporting a physical person's/company's real estate holdings. Technologies: Metro JAX-WS Web Services, Axis2, MySQL.
Lessons learned	Performed extensive use of SOAP web services, from both perspectives (provider & consumer).
Dates	September 2011 – May 2012
Occupation or position held	Software Engineer – Project: myWSEAS – Employer: WSEAS
Main activities and responsibilities	Built web based Conference/Journal paper submission & review platform. Technologies: Struts 2.x, ZK 5.x, Hibernate, MySQL.
Lessons learned	Learned submission and review work-flows for conference material. Provided a custom solution for a multi-site CMS system.
Dates	February 2011 – December 2011
Occupation or position held	Software Engineer – Project: SCRIPTUM – Employer: UIT
Main activities and responsibilities	Built web based application, for electronic Protocol and Case management, targeted mainly at the public sector. Technologies: ZK 5.x, Spring (Core & Security), OpenKM DMS, Hibernate, MySQL.
Lessons learned	Familiarized self with e-government concepts and procedures. Exposed to Document Management Systems. First-time use of the ZK framework.

Dates	November 2008 – February 2011
Occupation or position held	Software Engineer – Various Projects – Employer: Converge S.A.
Main activities and responsibilities	Sample projects: <ul style="list-style-type: none"> • Medcode : Web-based platform, integrating heterogenous medical term classifications and allowing alternative term suggestion by certified health care staff. Technologies: Struts 2.x, jQuery, Hibernate, MySQL. • ND political party's 2009 internal elections: Implemented web-based platform, used nationwide at voting stations, handling voters' registration and result transmission. Technologies: Struts 2.x, Hibernate, Postgresql.
Lessons learned	Learned to operate within a software house, facing multiple concurrent projects, built using custom solutions, often "unofficially" using agile development techniques.
Dates	March 2007 – June 2007
Occupation or position held	Software Engineer – Project: Trial Exhibits Management – Employer: I2R
Main activities and responsibilities	Built web application, handling the cataloguing work-flow of court trial exhibit items. Technologies: JSF 1.x, Hibernate, Oracle 9.
Lessons learned	Successfully faced a database platform change (MySQL → Oracle) between development and production.
Dates	September 2006 – November 2008
Occupation or position held	Software Engineer – Project: DSpace @ NTUA – Employer: NTUA
Main activities and responsibilities	Implemented the National Technical University of Athens Institutional Repository (Digital Library). Technologies: Dspace 1.x, JSF 1.x, Hibernate, Postgresql.
Lessons learned	Familiarized self with academic library operating procedures. Learned librarian meta-data standards. Performed presentations in international conferences.
Dates	June 2006 – September 2006
Occupation or position held	Software Engineer – Project: Spare Parts Manager – Employer: Union Marine Spares & Services
Main activities and responsibilities	Web application, handling the company's business work flow. Technologies: Apache Struts 1.x, Hibernate, MySQL.
Lessons learned	Shipping related work-flows. Designed & implemented an MVC/ORM based application end-to-end.
Dates	May 2005 – June 2006
Occupation or position held	Network applications developer – Employer: Bank Of Cyprus
Main activities and responsibilities	Implemented middleware applications, bridging between ICBS/AS-400 and PeopleTools CRM. Technologies: J2SE, Servlets, Oracle 9.
Lessons learned	Familiarized self with banking system operations. Exposed to a variety of different systems and infrastructures. Adopted strict operating procedures.
Dates	August 2003 – February 2005
Occupation or position held	Reserve Officer, Special Forces – Employer: Hellenic Army
Main activities and responsibilities	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.
Lessons learned	Commanding personnel under strenuous circumstances. Reached physical & psychological limits.
Dates	March 1999 – September 2000
Occupation or position held	Administrative IT Dept. Assistant – Employer: L'Oreal Produits de Luxe Hellas (P.L.H.)
Main activities and responsibilities	Intranet support (Windows NT based). Phone & On-site support for hand-held bar code scanners used by retail stores.
Lessons learned	Knowledge of NT based networks, supporting & interacting with users in real-time. Familiarization with a multi-national corporate environment.

Education & training

Dates	1995 – 2003
Title of qualification awarded	Meng in Computer & Electrical Engineer
Institution	National Technical University of Athens

Personal skills & competences

Language(s)	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
Driving licence	Hellenic Driver's License, Grade B, Issued in 1995.

Sample 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.