Iosif Angelidis
IT professional

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- IT professional with **four and a half (4.5) years** of experience in software development.
- Mainly backend developer, but also involved in frontend development (pure JS and Thymeleaf), DevOps, Android, data encryption and deep learning.
- Experienced in C, C++, Java and Python, among other languages.
- Tech lead, supervising architectures and development of multiple projects.
- Strong technical writing, presentation and communication skills.
- Technical implementations and deliverable reports in multiple projects (military, H2020).
- Self-driven and quick learner of new technologies.
- Interest in Artificial Intelligence courses both as a tutor (assistant professor) and as a practitioner.

🧳 WORKING EXPERIENCE

present 2020 | **IT Programmer, UBITECH LTD, Athens, Greece**
- ❯ Involved in the development of a data market, Android applications, ABAC mechanisms, API Gateways, semantic models design, hybrid encryption protocols, deep learning models and RESTful services.
- ❯ Tech lead, responsible for supervising the development of a number of projects and contributing to the code development.
- ❯ DevOps contributions such as dockerization, deployment and CI/CD pipelines.
- ❯ Requirement analysis on functional, non-functional, technical, data, user requirements based on Agile methodology and User stories.
- ❯ Contributions to deliverables writing, technical documentation and demonstrators.
- ❯ Partial management of multiple H2020 and national projects co-founded by the EU.
- ❯ Frequent coordination telcos with partners to meet the projects' needs.

Requirement analysis · Agile methodology · User stories · architecture design · Java · Spring Boot · Quarkus · Keycloak · HTML 5 · CSS 3 · JavaScript · Leaflet JS · REST · IntelliJ · Android Stutio · Keras · Tensorflow · Pandas · Scikit-learn · ABAC · RBAC · ACL · Elasticsearch · MongoDB · MinIO · MySQL · PHPmyAdmin · Maven · Pycharm · Docker · CI/CD

2020 2019 | **IT Programmer, GREEK ARMY IT SUPPORT CENTER (MILITARY SERVICE IT DIVISION), Athens, Greece**
- ❯ Support of 3 projects : implementation of the Multilateral Interoperability Protocol 3.0, the Crisis Management System and the Information Management-Control System.
- ❯ Major code refactoring, optimizations, critical performance gains (e.g., database requests taking about 3 seconds compared to 15 minutes), implementation of new features.
- ❯ Worked on classified data and geospatial information.
- ❯ Responsible for training new staff and providing user support for the platforms.

Java · EJBs · JSF · PrimeFaces · Oracle 11g/12c · Hibernate · HTML 5 · CSS 3 · JavaScript · Leaflet JS · REST · SOAP · XML · SQL Server Management Studio · Toad · WildFly/JBoss · IntelliJ

2019 2017 | **IT Programmer, UNIVERSITY OF ATHENS, Athens, Greece**
- ❯ Developed and maintained a Named Entity Recognizer in the context of MSc thesis "Named Entity Recognition and Linking in Greek Legislation".
- ❯ Extraction of persons, organizations, geo-political entities, legal references, public documents and unofficial geographical landmarks found in the Government Gazette.
- ❯ Utilization of Neural Networks and Deep Learning techniques.

Python · Keras · TF · SciKit Learn · Numpy · Pandas · (Geo/st)SPARQL · REST · HTML 5 · CSS 3 · RDF · OWL · Maven · PyCharm

☰ Skillsets

👤 Soft/Management	Requirement analysis (functional, non-functional, technical, data, user requirements), Agile methodology/User stories, architecture design, presentation (slides, sequence diagrams, activity diagrams etc.), communication, team player, self-driven
</> Programming Languages	C, C++, Java, Python, PHP, Javascript
⚙ Applications	REST, SOAP, Android Studio development, TLS/SSL protocols, MQTT protocol, bower, npm, HTML 5, CSS3, XML, RDF, OWL, Ajax, Gradle, Maven, EJBs, JSF, PrimeFaces, ORM (Hibernate)
🔒 Security	RSA encryption, Symmetric encryption, Hybrid encryption
⇄ Access Control	ACL, RBAC (with/without domains), ABAC (with/without domains), PERM meta-model, API Gateway
🕹 DevOps	Docker, CI/CD, Unit testing
🧰 Frameworks	OpenGL, Bootstrap, Sweet Alert, Bootstrap Validator, jQuery, Leaflet JS, Particle JS, Datatables, Selectize, Querybuilder, jquery-validator, jquery-steps, papa-parse, Canvas JS, gson, jCasbin, Spring ecosystem (Boot, Security, Data, Thymeleaf, etc.), Quarkus, Keycloak, Swagger documentation, Keras, TF, SciKit Learn, Numpy, Pandas, flask
>_ Shell scripting	bash, fish, zsh, tcsh, csh
🗄 Server Management & Databases	Apache Tomcat, Wildfly/Jboss, Glassfish, Apache HTTP Server/XAMPP, PHPMyAdmin, MySQL Workbench, pgAdmin, SQL, PostgreSQL/PostGIS, Oracle 11g/12c, MongoDB, Elasticsearch, Redis, (Geo/st)SPARQL, SQL Server Management Studio, Toad, MinIO (single and distributed instances)
🔧 Integrated Desktop Environments	Intellij, PyCharm, WebStorm, PHPStorm, Vistual Studio Code, Netbeans, Jupyter notebooks
🜂 Geospatial Systems	Sextant, Strabon, QGis
⑂ Version Control Systems	Mercurial, Git, CVS, GitHub, GitLab, Bitbucket, Jira
🐧 Operating Systems	GNU/LINUX (including advanced distros like Arch and Manjaro), Microsoft Windows, MacOS
🔧 Other	AOP, Design patterns, LaTeX, Microsoft Office, Matlab, Gimp

🌐 Languages

English ● ● ● ● ●

🎓 Education roadmap

2016 - 2018	MSc degree in Information and Data Management, National and Kapodistrian University of Athens, Department of Informatics and Telecommunications. **Grade : 9.39/10.0**
2011 - 2016	Ptychion (4-year degree with thesis) in Computer Science - Theoretical Informatics, National and Kapodistrian University of Athens, Department of Informatics and Telecommunications. **Grade : 9.34/10.0**

🎮 Hobbies and Interests

> Exploring the open source community, learning about new technologies and tweaking computer systems.
> Long time gamer, almost all genres. Debating about games and their various aspects (gameplay, story, mechanics, gimmicks etc.).
> Dungeons and Dragons roleplayer. Emphasis on interesting character backgrounds with deep motivations. Currently participating in two campaigns.
> Aspiring DJ with a twist : streaming mostly music featured in games. Online station(Auto DJ streams tunes when offline).