






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, although has also been involved in frontend development (using pure JS and Thymeleaf), Android, data encryption and deep learning. Experienced in C, C++, Java and Python, among other languages.
- Technical implementations and deliverable reports in multiple military, H2020 and national projects co-founded by the EU.
- Tech lead, supervising architectures and development of multiple projects, while contributing to the code development.
- Self-investment in learning management and software architect skills by conducting requirement analysis, designing architectures and applying Agile methodology and User stories in the analysis process.
- Strong technical writing, presentation and communication skills, frequent contact with end users or project partners to improve the quality of the delivered project and better coordinate at a technical level.
- Self-driven and quick learner of new technologies.
- Interest in Artificial Intelligence courses both as a tutor (assistant professor) and as a practitioner.
- **Military obligations fulfilled (where applicable).**

WORKING EXPERIENCE

present 2020	Intelligent Computing Research Associate, UBITECH LTD, Athens, Greece <ul style="list-style-type: none">➤ 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 in KIC unit, responsible for supervising the development of a number of projects and contributing to the code development.➤ Partial management of multiple H2020 and national projects co-founded by the EU.➤ 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.➤ Frequent coordination telcos with partners to meet the projects' needs.➤ DevOps contributions such as dockerization, deployment and CI/CD pipelines. <div>Requirement analysis Agile methodology User stories architecture design Java Spring Boot Quarkus Keycloak</div> <div>HTML 5 CSS 3 JavaScript Leaflet JS REST IntelliJ Android Studio Keras Tensorflow Pandas Scikit-learn</div> <div>ABAC RBAC ACL Elasticsearch MongoDB MinIO MySQL PHPmyAdmin Maven Pycharm Docker CI/CD</div>
2020 2019	Military Service IT Division Software Developer, HELLENIC ARMY IT SUPPORT CENTER, Athens, Greece <ul style="list-style-type: none">➤ Support of 3 projects : implementation of the Multilateral Interoperability Protocol 3.0 (MIP 3), the Crisis Management System (ΣΧΚ) and the Information Management-Control System (ΣΔΕΠ).➤ 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. <div>Java EJBs JSF PrimeFaces Oracle 11g/12c Hibernate HTML 5 CSS 3 JavaScript Leaflet JS REST SOAP</div> <div>XML SQL Server Management Studio Toad WildFly/JBoss IntelliJ</div>
2019 2017	IT Programmer, UNIVERSITY OF ATHENS, Athens, Greece <ul style="list-style-type: none">➤ Developed and maintained a Named Entity Recognizer in the context of MSc thesis "Named Entity Recognition and Linking in Greek Legislation".➤ Supervised by professor Manolis Koubarakis.➤ 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. <div>Python Keras TF SciKit Learn Numpy Pandas (Geo/st)SPARQL REST HTML 5 CSS 3 RDF OWL Maven</div> <div>PyCharm</div>

SKILLSETS

 Soft/Management	Requirement analysis (functional, non-functional, technical, data, user requirements), Agile methodology/User stories, Conceptual/Technical/Deployment 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, Visual 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
2007	Technical Diploma ECDL in Databases, Concepts of IT, Word Processing, Presentations, Information & Communication, Spreadsheets, Using the Computer and Managing Files

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).