

Iosif ANGELIDIS IT professional

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- IT professional with **seven (7) 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, Golang and Python, among other languages.
- 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 2022	Python Software Engineer, TEXTKERNEL B.V., Amsterdam, Netherlands <ul style="list-style-type: none">➤ Involved in the development lifecycle of Jobs Data.➤ Tech lead for a number of epics, plus mentoring new team members.➤ DevOps contributions such as dockerization, deployment and CI/CD pipelines. <div>K8sElasticsearchCassandraAstraDBPostgresMySQLDynamoDBPycharmDockerCI/CDJenkins</div> <div>PythonGolang</div>
2022 2020	IT Programmer, 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, 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. <div>Requirement analysisAgile methodologyUser storiesarchitecture designJavaSpring BootQuarkusKeycloak</div> <div>HTML 5CSS 3JavaScriptLeaflet JSRESTIntelliJAndroid StudioKerasTensorflowPandasScikit-learn</div> <div>ABACRBACACL ElasticsearchMongoDBMinIOMySQLPHPmyAdminMavenPycharmDockerCI/CD</div>
2020 2019	IT Programmer, GREEK ARMY IT SUPPORT CENTER (MILITARY SERVICE IT DIVISION), Athens, Greece <ul style="list-style-type: none">➤ 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. <div>JavaEJBsJSFPrimeFacesOracle 11g/12cHibernateHTML 5CSS 3JavaScriptLeaflet JSRESTSOAP</div> <div>XMLSQL Server Management StudioToadWildFly/JBossIntelliJ</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".➤ 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>PythonKerasTFSciKit LearnNumpyPandas(Geo/st)SPARQLRESTHTML 5CSS 3RDFOWL</div> <div>PyCharmMaven</div>

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, Golang, PHP, Javascript
 Applications	REST, SOAP, Android Studio development, TLS/SSL protocols, MQTT protocol, bower, npm, HTML5, 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, , Kubernetes, Jenkins
 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, FastAPI
 Shell scripting	bash, fish, zsh, tcsh, csh
 Server Management & Databases	DynamoDB, AstraDB, Cassandra, 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

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).