Iosif ANGELIDIS
IT professional

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Iosif Angelidis is an IT professional with four and a half (4.5) years of experience in software development. His IT skills span from IT programming with actual experience in C, C++, Java and Python, among other languages. This knowledge is gained both from self-motive to invest in new skill-sets and as part of his two years engagement in a Named Entity Recognizer thesis, which recognizes and extracts persons, organizations, geo-political entities, legal references, public documents and unofficial geographical landmarks found in the Government Gazette by utilizing Neural Networks and Deep Learning technologies.

During his military tour, Iosif has been occupied in the IT Division offering his experience in supporting 3 projects : MIP 3, ΣXK and ΣΔΕΠ. This support came in the form of major refactoring, implementation of new features, optimization and critical performance gains, as well as general user support. His responsibilities further included the training of new staff and knowledge transferring.

Working at UBITECH since July 2020, he has contributed technical implementations, partially managed and delivered reports for multiple H2020 and national projects co-funded by the EU. Notably, he has been 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 deployed in a dockerized environment. He self-invests in learning management and software architect skills as well by conducting requirement analysis, designing conceptual, technical and deployment architectures and applying Agile methodology and User stories in the analysis process. Currently, he is working as a tech lead, supervising the development of a number of projects, as well as contributing to the code development.

Last, but not least, Iosif Angelidis has shown particular interest in Artificial Intelligence courses both as a tutor (assistant professor) and as a practitioner.

Military obligations fulfilled.

💼 WORKING EXPERIENCE

**present
2020** | **Intelligent Computing Research Associate, 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 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.

`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** | **Military Service IT Division Software Developer, HELLENIC ARMY IT SUPPORT CENTER, Athens, Greece**
- ❯ Support of 3 projects : implementation of the Multilateral Interoperability Protocol 3.0 (MIP 3), the Crisis Management System (ΣXK) 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.

`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". ❯ 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. 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, 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, 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
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).