

Spyridon Kyriazos

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Professional Experience

February 2022 – Today:

Home Automation Consultant

- Design home automation systems based on client requirements
- Home Assistant installation, initialization and configuration
- Programming automations in Home Assistant
- Create home automation education material

March 2017 – Today:

Self-employed Software Developer

- Research and development of software product prototypes
- Design and development of web-sites with a variety of web technologies
- Design and development of multi-platform mobile apps
- Data mining and data cleansing
- Design and development of video game prototypes in Unreal Engine

Other Roles

- Book co-author and editor
- Book layout and arrangement

October 2009 – March 2018:

Software Developer in Altec Integration

- Analysis and design of information systems for public organizations
- Design of database schema and data modeling for MySQL and Oracle databases
- Development and maintenance of information systems using Java Enterprise Edition, Oracle Developer Suite and PL/SQL
- Development and maintenance of proprietary Java framework

March 2016 - December 2016:

Database Developer in Greek Army

- Daily monitoring and maintenance of Oracle databases
- Design of database schema and data modeling for Oracle databases
- Development and maintenance of PL/SQL programs
- Planning and testing disaster recovery scenarios
- Data mining, data migration and data replication

Education

2011 – 2014: University of Piraeus, Department of Digital Systems,

Msc in "Technology Education & Digital Systems", Area of study: "Network-Oriented Systems"

2006 – 2011: University of Piraeus, Department of Digital Systems,

Degree in "Digital Systems"

Foreign Languages

English:

- Certificate of Proficiency in English, University of Michigan
- First Certificate in English, University of Cambridge

Certifications

2014: Vaadin 7 Certified Developer

Skills

General: Use of Microsoft Windows and Linux operating systems, Microsoft Office (Word, Excel, PowerPoint) and Openoffice (Writer, Calc, Draw)

Data: MySQL and Oracle relational databases, Apache Directory Server, Business Intelligence and Reporting Tools (BIRT)

Libraries and Tools: Java Enterprise Edition, Java Persistence API, Vaadin Framework for web applications, Apache Junit, Glassfish application server, HUGO static site generator, jMonkeyEngine framework for 3D games and applications, Unreal Engine

Development Tools: Netbeans IDE, Eclipse IDE, Oracle Developer Suite, Oracle SQL Developer, PL/SQL Developer, TOAD for Oracle, MySQL Workbench, HeidiSQL, Maven, Gitlab, Visual SVN Server, TortoiseGit, TortoiseSVN

Projects

- Agri-environment measures system for the Greek Ministry of Agriculture
- Digital services for the Greek Ministry of Agriculture
- Prescription liquidation application for the Electronic Governance of Social Insurance (IDIKA)
- Custom questionnaires creation and distribution system for the Hellenic Statistical Authority
- System for collecting and presenting statistical data for the Greek Ministry of Justice
- Route management and delays system for the Greek Railways
- Services for electronic submission and processing of asset declarations
- Administration system for the Institute of Labour of the Greek General Confederation of Labour (INE-GSEE)
- Electronic prescription system as a university project
- Various administration and operation systems for the Greek Army
- Data migration in Multilateral Interoperability Programme related databases for the Greek Army
- Database monitoring and administration during the Greek military exercise Parmenion
- Ludum Dare game jam participations
- Various websites and games showcased at my website
- The Greek Philosopher app and website.
- Life Advice From The Ancient Greek Philosophers book