

Konstantinos Bonis

resume: <https://kmponis.github.io/>, e-mail: kmponis@gmail.com
mobile: +44(0)7931072449, GitHub: <https://github.com/kmponis>

Career Objective

A polyglot senior software engineer seeking to learn, teach and evolve. Driven by undertaking responsibilities and solving problems. I learn rapidly and create any kind of project a business needs. I configure DevOps tools and lead the team to deliver quality code considering design patterns and security.

Technical Skills

Languages	JAVA, SQL/PLSQL, JavaScript, TypeScript, Kotlin, HTML, CSS
Technologies / Frameworks	Spring, JSF, JSP, Maven, Ant, Hibernate, JPA, Angular, Materialize, REST, SOAP, JSON, Swagger, JUnit, Cucumber, Jacoco, CAS, Swing, Multithreading, Client-Server, TCP/IP Sockets, JavaxComm
Servers / Databases	JBoss, Tomcat, Nginx, Oracle DB, MongoDB, DynamoDB, MySQL, SQLite
DevOps Tools	GIT, Jenkins, CircleCI, Docker, AWS, OpenShift, Hypervisors, Linux, Sonar, ElasticSearch, Selenium
Methodologies	Agile, Microservices, Serverless, OOP, TDD, BDD, MVN, Design Patterns, SOLID, Pair Programming

Work Experience

Senior Software Engineer Sopra Steria

July 2017 - Present

As a consultant, I evaluate business environments and provide clients with guidance and recommendations. I design and create skeleton for new applications. I configure DevOps tools, lead the team by example and document every step.

- **Smith & Nephew (remote)**, Web Application. Designed and created the skeleton for a new serverless web application. An Angular frontend, a Spring Boot REST API as the middle tier and an AWS Lambda as the backend deployed using Docker. Created the CI/CD pipeline using CircleCI, Cloudformation and Terraform. Technologies: Angular, Java, Kotlin, Spring, Maven, REST, GIT, CircleCI, Docker, Nginx, AWS Cloudformation, Lambda, Fargate, DynamoDB, Terraform
- **NHS Locsan (remote)**, Web Application/Services. Created the development plan and lead the team to deliver an Angular frontend with java REST API services for managing GP's details. Set up the AWS dev environment and manage the GIT repositories. Technologies: Angular, Java, REST, Spring, JPA, Oracle DB, Maven, Swagger, GIT, Docker, AWS, EC2
- **EFK Proof of Concept (remote)**, Web Application. Designed and implemented an Angular application consuming java REST API services to create logs in multiple pods. Deployed on Openshift and configured Elastic Search, Fluentd and Kibana. Technologies: Angular, Materialize, Java, Spring Boot, Maven, REST API, JPA, MongoDB, GIT, ElasticSearch, Fluentd, Kibana, Docker, OpenShift
- **Students Loans Company**, Java Web Application. Provided recommendations and guided the team. Responsible for merging the code and configuring Jenkins and Sonar for Production/UAT environments. Refactored code and increased JUnit and BDD coverage. Technologies: Java, JSF, Spring, REST, Hibernate, Maven, GIT, JUnit, Cucumber, Sonar, Jenkins, JBoss

Senior Developer BIP Solutions Ltd.

September 2014 - July 2017

Collected business requirements and breakdown the system into components. Guided my colleagues on new tasks, and delivered user friendly applications on time. Responsible for Delta application, introduced innovative ideas and implemented them with my team.

- **RSSB V1.5**, Java SOAP Service. Delivered a SOAP service to integrate with Microsoft NAV of Rail Safety Standard Board. Set the quartz scheduler and provided a web interface to test the Web Service. Technologies: Java, SOAP, Spring, Oracle DB, JavaScript, Maven, GIT, Jenkins, Tomcat
- **Delta V8.1**, Java Web Application. Increased performance by amending SQL queries, reducing access to large hibernate objects and split huge tables into 'created' year tables. Technologies: Java, SQL, PLSQL, Hibernate, Oracle DB, Multithreading, Ant, SVN, Tomcat, Selenium
- **CompeteFor V5.0**, Java Web Application. Penned test the application and created xls report. Hided password hash codes. Fixed Broken Access Control and Insecure Password Storage security issues. Technologies: Java, JSP, CAS, Oracle DB, JavaScript, Fiddler, Ant, SVN, Tomcat
- **Delta V6.0**, Java Web Application. Delivered DPS framework and multithreading message centre. PDS (Dynamic Purchasing System) is the first framework added in Delta application. Message Centre allows users to create 'posts'. Technologies: Java, JSP, Spring, Hibernate, Oracle DB, JavaScript, AJAX, Multithreading, Ant, SVN, Jenkins, Tomcat

<p>Network Software Engineer CityStore</p> <p>April 2013 - August 2014</p>	<p>Upgraded a network company, into a hardware and software company. Collected requirements, designed, coded, tested and installed network applications. Configured network devices such as Phone Centres, Radius Servers and Internet Gateways.</p> <ul style="list-style-type: none"> - Helios PBX, Java Swing Application. Delivered a client-server swing application that manages Phone Centres. It works individually or as a bridge between Hotel Front Office programs and Phone Centres. Technologies: Java, Swing, Spring, MySQL, Multithreading, TCP/IP Sockets, Client-Server, GIT - Helios CMS, Java Web Application. Delivered a web application that handles technicians, projects, faults and reports. Technologies: Java, JSP, Spring, MySQL, JavaScript, CSS, Maven, GIT, Tomcat - Helios Wi-Fi, Java Swing Application. Delivered a swing application that manages Wi-Fi codes for Internet Gateways using Radius Server protocol. Technologies: Java, Swing, Spring, MySQL, Multithreading, TCP/IP Sockets, JavaxComm, Radius Server, GIT
<p>Freelancer</p> <p>June 2013 - March 2014</p>	<p>Collected requirements, analysed, designed, implemented and delivered Java applications. Offered computer essentials classes for beginners.</p> <ul style="list-style-type: none"> - Attalos, Java Swing Application. Delivered application that manages invoices for sales delegation companies. Technologies: Java, Swing, SQLite, GIT
<p>Java Developer THAZA</p> <p>Sept 2012 - April 2013</p>	<p>Built Java Applications according to the Agile principles. Retrieved requirements after face-to-face contact and produced project plans, create UML, Flow Charts and Data Charts. Communicated with the clients, solving their problems and collecting new requirements.</p> <ul style="list-style-type: none"> - Selefkos, Java Swing Application. Delivered a client server swing application for the management of an Accounting Office. It holds statistics and informs customers through automatically generated e-mail and SMS. Technologies: Java, Swing, Spring, SQLite, Multithreading, Client-Server, GIT

Other Information

Degrees / Trainings	<p>MEng, Electronic and Computer Engineer, Technical University of Crete, 2012 (7.13/10)</p> <ul style="list-style-type: none"> - Thesis, Estimate cost for connecting Wind Farms to Network, Matlab (9.87/10) - Developed a Unix Operating System using C/C++ - Embedded ABS System on a remote-control car using VHDL, C/C++ <p>AWS Certified Developer, Firebrand, October 2019</p> <p>The art of Hacking, QA, October 2018</p> <p>Openshift for beginners, August 2018</p> <p>7th International Metu Robotics Days, Middle East Technical University, April 2010</p>
Achievements	<p>Member of golden award team of SLC, Sopra Steria, 2018.</p> <p>December OCA winner, BiP Solutions Ltd, 2016.</p> <p>Upgraded a network company, into a hardware and software company, CityStore, 2014.</p> <p>Scholarship for excellent performance, Technical University of Crete, 2007.</p> <p>Scholarship for first place in university entrance examination, 2004.</p>