

Konstantinos Bonis

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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, Hibernate, JPA, Angular, Materialize, REST, SOAP, JSON, Swagger, Junit, Cucumber, Jacoco, CAS, Swing, Multithreading, Client-Server, TCP/IP Sockets
Servers / Databases	JBoss, Tomcat, Nginx, Oracle DB, MongoDB, DynamoDB, MySQL, SQLite
DevOps Tools	GIT, Jenkins, CircleCI, Docker, AWS, OpenShift, Hypervisors, Linux, Sonar, Elastic Search, Fluentd, Kibana, Selenium
Methodologies	Agile, Microservices, Serverless, OOP, TDD, BDD, MVC, Design Patterns, SOLID, Pair Programming

Work Experience

Senior Software Engineer Sopra Steria July 2017 – Present	Full Stack Software Engineering consultant supporting multiple clients. Evaluate business environments and provide recommendations. Analyse, design and implement any application. Configure DevOps tools and dev environments. Lead the team and document every step.
Senior Developer BIP Solutions Ltd. September 2014 - July 2017	Responsible for the delivery of Delta application. Collected business requirements and breakdown into components. Introduced innovative ideas and lead the team. Fixed complex performance and security issues.
Network Software Engineer CityStore April 2013 - August 2014	Upgraded a network company, into a hardware and software company. Collected requirements, designed, coded, tested and install network applications. Configured network devices such as Phone Centres, Radius Servers and Internet Gateways.
Software Engineer Freelancer June 2013 - March 2014	Collected requirements and delivered Java applications. Offered computer essentials classes for beginners.
Java Developer THAZA September 2012 - April 2013	Collected requirements, designed, coded, tested and delivered java applications. Searched, analysed and produced project plans using UML and Flow Charts. Communicated with the clients and solved any problems.

Projects

Smith & Nephew (remote)

A web application to review, approve, sign and compare documents of medical equipment.

Designed and created the prototype 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)

A web application for managing GP's details and REST API services consumed by third party NHS application.

Created the development plan and implemented it with the team. Set up GIT repositories and configured Linux servers.

Technologies: Angular, Materialize, Java, Spring, Maven, REST, Hibernate, Oracle DB, GIT, Jenkins, Sonar, JBoss, Docker, RHEL, Ubuntu, Hyper-V

EFK Proof of Concept (remote)

A web application to proof the concept of centralise and report logs.

Designed and implemented an Angular application consuming java REST API services. Deployed on multiple pods using OpenShift and local Linux servers. Configured Elastic Search, Fluentd and Kibana.

Technologies: Angular, Materialize, Java, Spring Boot, Maven, REST API, JPA, MongoDB, GIT, Elastic Search, Fluentd, Kibana, Docker, OpenShift, Ubuntu, VirtualBox

Delta 8.1

A web application, EU compliant, that allows buyers to manage tenders, suppliers and contracts.

Increased performance by amending SQL queries, reduced access to large hibernate objects and split huge tables into 'created' year tables.

Technologies: Java, Ant, SQL/PLSQL, Hibernate, Oracle DB, Multithreading, SVN, Selenium, Tomcat, Linux

Helios PBX

A client-server swing application that works individually or as a bridge between Hotel Front Office programs and Phone Centres.

Collected requirements, designed, implemented, tested and installed on multiple clients.

Technologies: Java, Swing, Spring, MySQL, Multithreading, TCP/IP Sockets, Client-Server, JavaxComm, GIT, Hyper-V, Windows 2012

Other Information

Degrees / Training

MEng, Electronic and Computer Engineer, Technical University of Crete, 2012 (7.13/10)

- Thesis, Estimated 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++

The art of Hacking, QA, October 2018

OpenShift for beginners, August 2018

7th International Metu Robotics Days, Middle East Technical University, April 2010

Achievements

Member of golden award team of SLC, Sopra Steria, 2018.

December OCA winner, BiP Solutions Ltd, 2016.

Upgraded a network company, into a hardware and software company, CityStore, 2014.

Scholarship for excellent performance, Technical University of Crete, 2007.

Scholarship for first place in university entrance examination, 2004.