

Leonidas Spyropoulos

☎ +44(0)7732702059 • ✉ leonidas@spyropoulos.eu • in leonidas.spyropoulos

Experience

Accenture

London, UK

System Developer Associate Manager, Administrator

Apr 2016–Present

Joined Accenture Capital Markets Trading Platforms with the acquisition of Formicary Ltd. Continuing my roles as a Murex & Java SME and Administrator. Implemented Murex on Cloud on the Accenture private cloud and more recently on public cloud, Amazon Web services (AWS).

- o AWS Certified Solutions Architect
- o Murex on Cloud, DevOps, Accenture Private Cloud
- o Accenture MxMon product owner
- o Murex install, Ansible automation, git
- o Kotlin, React, Typescript, Spring Boot 2.x, Jenkins Rest API, Ansible
- o Artifactory, NGINX, Reverse Proxy, SSL certificates

Rabobank

London, UK

Murex Migration Technical Lead, Consulting

Nov 2016–Feb 2019

Responsible for the implementation of migrating existing systems into Murex 3.1. The scope involved Interest Rate Derivatives, Fixed Income and FX/MM products. I led a team of 10 developers across different time zones with responsibilities on delivering a migration tooling framework and configurations for Murex 3.1 in order to migrate trades and static data (counter parties, settlement instructions, accounts etc.).

- o Java 8, Camel, Spring Boot 1 & 2, Hibernate, JUnit, Multi-thread, Oracle, Derby, Flyway
- o Angular (1.x & 2+), UIGrid, CSS, HTML 5, VMware Clarity, RESTful web services, MVC
- o Maven, Microsoft TFS, git, Continuous Integration with Jenkins
- o Murex
 - MxML Exchange
 - Datamart
 - Performance optimizations
 - SME support
- o Reformx specialist

UBS

London, UK

Murex Migration Senior Developer - Static Data, Consulting

Mar 2016–Nov 2016

As a member of the largest migration and re-platforming project in the world I was responsible for implementing SIMM regulatory changes on static data interfaces along with performance optimization. I also aid on the Physical Acceptance analysis for Murex application stack suggested improvements on performance bottlenecks which would be arising from the incoming regional release.

Formicary

London, UK

Senior Systems Engineer, Administrator

Nov 2010–Apr 2016

Part of the software development team which implemented various projects involving multiple software technologies and finally led to the creation of Reformx and Calmon products. Member of the admin team for administrating multiple servers for the DevOps tools of software development and Databases.

- o Frameworks: Spring Boot, Java 8, JPA, JDBC, JUnit, Spring Security, JGit, Camel, XSL
- o Front End: AngularJS, UIGrid, CSS, HTML5
- o Databases: Oracle, Derby, Postgres, MySQL, MongoDB
- o Messaging: RESTful web services, ActiveMQ, JMS
- o Platform: Microservices
- o VCS: svn, git, clearcase
- o Other: Calypso, Murex, Nvidia CUDA, Maven, Ant
- o DevOps: Continuous Integration (Teamcity), Continuous Deployment (Ansible) servers setup
- o Administration: Linux/Unix administrator

Société Générale

London, UK

Lead Developer, Consulting

Jan 2016–Feb 2016

Lead developer for a Murex external Feed to InterContinental Exchange (ICE) to support initial margin calculations as part of the client's ongoing Murex OTC clearing implementation.

- o Design architecture of ICE-IM adaptor service and components
- o Development according to coding standards and AGILE workflow
- o Management of project's release cycles and testing approach

LCH Clearnet

Quant risk analyst and Java engineer, Consulting

Responsible for the implementation of the Risk Calculation engine for Listed Derivatives.

- o Products
 - Deliverable Swap Futures, Options on Future Bonds, Options on Future STIR, short-term interest rate (STIRs) and long-term interest rate (LTIRs) Euro and Sterling-based listed derivatives, Options on Future Equities, Future Equities
- o Technologies
 - OpenGamma engine, Java 8, Weblogic, XSLT, Apache Camel, Spring Boot, Hibernate, Maven, Oracle, Multi-thread
- o Historical Value at Risk pricing (VaR)

London, UK

Mar 2014–Jan 2016

LCH Clearnet

Murex and Java developer, Consulting

Member of the LCH Clearnet project for implementing Inflation Swaps and Swaptions.

- o Murex MxML Exchange, Murex Pre-Trade Rules (MSL)
- o SwapClear Services, ClearLink, SMART tool

London, UK

Mar 2013–Jan 2014

Standard Bank Group

Murex and Java developer, Consulting

Developing a Murex to MarkitWire Feed (STP) for Swaps and derivatives along with a Reconciliation framework.

- o MarkitWire DealSink API, MarkitWire Deal, Extractor API
- o XSLT, Spring, Spring Integration, Murex, Maven

London, UK

Mar 2012–Feb 2013

Royal Bank of Scotland

Developer, Consulting

Various back-end and front-end developer in the internals training team.

- o Java EE technology,
- o JSP, ASP, ExtJS, JQuery
- o CQ 5.0

London, UK

Feb 2011–Aug 2011

Other

Hellas On Line - Technical Support Agent

Athens, Greece

Mar 2009–Sep 2009

Freelance Web Designer / Developer

Athens, Greece

Dev 2004–Dec 2005

Education

Heriot-Watt University

Distributed and Multimedia Information Systems, MSc

Thesis: Multicore and Distributed-memory implementations of Haskell - Performance Comparison.

Modules: Distributed System Programming (Sockets, RMI, RPC, SSL), Multi-thread programming (threads), Software Engineering in Java, Information Systems Methodologies, Promela verification modelling language, Multimedia Design, Network Applications.

Edinburgh, UK

2007–2008

Technologiko Ekpaideutiko Idrima

Computer Sciences, Bachelor

Thesis: Parallel Algorithms for Matrix Multiplication and Document Clustering - Implementation and Testing on a PC-Cluster environment using MPI (MPICH).

Modules: Computer Programming I/II/III (C,C++,Pascal),Data structures, Computer Systems Architecture (ASM x86), Databases I/II (Oracle, MySQL, MSSQL), Artificial Intelligence (LISP), Compilers, Information and Communication (HTML/XML, Cryptographic algorithms, certificates),Software Development Methodologies, Operating Systems I/II (Unix, Solaris, Windows NT),Information Systems I/II (UML), Software Technology, Computer Networks (DNS (bind), TCP/IP, FTP, DHCP), Parallel Programming (MPICH), Graphics (OpenGL).

Athens, Greece

2000–2007

Certificates

AWS Certification: AWS Certified Solutions Architect – Associate

2019–2022

Coursera Certificates: Programming Mobile Applications for Android, Heterogeneous Parallel Programming

2014

London School of Computer Education: Oracle 11g Database Administrator - OCA, OCP

2012

Udacity: Artificial Intelligence for Robotics, Web Development

2012

Languages

Greek: Mother tongue

English: Professional