

Roberto López López

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Relevant Skills	Programming Languages: Go, Python, Java and other JVM languages... Frameworks: Spring, Gin-Gonic, Django Methodologies: Agile, Test Driven Development, Scrum Tools: Git, Docker, Terraform, Splunk cloud TDD: JUnit, Mockito, Testify, PyTest Interests: software design, open source, algorithms, devops
Languages	Spanish: native English, French: can conduct business German, Norwegian, Polish: beginner
Experience	<div><div>Senior Software EngineerJuly 2023 – ongoing</div><div>SPLUNK, KRAKÓW, POLAND</div><div>Work in the Data Manger team. Development, code reviews and testing (unit, automated integration and manual). Development of new features for better integration with cloud providers. Mostly working on AWS and Splunk Cloud. Python, TDD, PyUnit. AWS console, CLI and SDK (CloudFormation, CloudWatch, Organizations).</div></div> <div><div>Principal Cloud Development EngineerSeptember 2022 – August 2023</div><div>PEGASYSTEMS, KRAKÓW, POLAND</div><div>Integrated in the Cloud Storage team. My work as Principal involves development, code reviews and coordinating cloud infrastructure changes. Go, TDD, Terraform, AWS and GCP (manual and SDK work), Microservices architecture. Kubernetes</div></div> <div><div>Senior Software EngineerAugust 2020 – August 2022</div><div>AKAMAI TECHNOLOGIES, KRAKÓW, POLAND</div><div>Integrated in the Developer Experience team, I focus on different projects to ease infrastructure provisioning. * Akamai Terraform Provider: to manage and provision Akamai configurations in Terraform. Written in Go, Terraform SDK and Testify for tests. I became lead developer for the following projects: * Akamai CLI: it enables managing Akamai infrastructure directly from command line. Core written in Go and tested with Testify, integrates modules in different languages. One of my last contributions was re-engineering support for Python external packages, allowing to isolate dependencies for each of those external packages and thus fixing the vast majority of its open GitHub issues. * AkamaiOPEN-edgegrid-python: it allows integration of third party Python projects into Akamai infrastructure. * AkamaiOPEN-edgegrid-java: multi-module maven project which allows integration of third party Java>8 projects into Akamai infrastructure.</div></div> <div><div>Java ProgrammerApril 2019 – July 2020</div><div>APPLANDEO, KRAKÓW, POLAND</div><div>Development of several backend projects for retail sector clients. Within a microservices architecture, design and development of new features following a TDD approach. Java which was class y class rewritten to Kotlin. Gradle. Micro frameworks from most to least used: Spring Reactor, Vert.x and Micronaut. Groovy and Spock for testing (mostly end to end tests). Reactive programming with ReactiveX libraries. Ops: dealing with daily tasks on a Kubernetes cluster (kubectl and dealing with deployments). On-call duty on regular basis.</div></div> <div><div>Java ProgrammerAugust 2018 – January 2019</div><div>ALTEN, KRAKÓW, POLAND</div></div>

Responsible for development of new features and mentoring junior colleagues. Full stack development with Angular and the Spark Java micro framework for development of REST APIs. Test Driven Development. JUnit 4, Mockito. Maven.

Senior Java Programmer

2018

PROJECT PEOPLE, KRAKÓW, POLAND

I was working for a short mission to build the general archetype of their new CRM system. I was responsible of backend development, which included ensuring forwards compatibility on database level to guarantee a smooth migration from the old to the new system.

Security layer: I adapted the previous security rules from the previous one. Also, I designed an ACL system to make the new system more flexible for the end user. Spring Boot 2: Core, Web (REST web services), Security (JWT), Data (MySQL, Hibernate). JUnit 4, Mockito. Maven.

Full Stack Java Programmer

July 2017 – 2018

BROWN BROTHERS HARRIMAN, KRAKÓW, POLAND

I took part into a new project to create a rich web interface to handle Corporate Actions, which are typically managed making use of old style mainframe terminals.

It was built over the mainframe existing database (DB2), offering a REST API to the Angular client. Interaction with mainframe was done via database (DB2) for new CAs, and a message queue to handle updates. Our system offered a REST API with Spring Boot 1.5 which was consumed by an Angular 4 interface.

Test Driven Development. JUnit 4, Mockito. Maven, Hibernate.

Java Technical Team Lead

2016 – June 2017

BROWN BROTHERS HARRIMAN, KRAKÓW, POLAND

In charge of maintenance and development of new features for a project to prepare U.S. tax return documentation. My duties included coordinating a team of two offshore consultants and leading weekly telephone meetings with the project manager in Boston, U.S.

Technical analysis and documentation for new features and system issues. Planning system software upgrades and provisioning new servers for different environments. Technical Improvements: Java 8, WebSphere (7, 8.5), Hibernate (3.3, 4.2), Maven. Methodology improvements: Continuous Integration, Test Driven Development (JUnit 4, Mockito).

Full Stack Python Web Developer

September 2012 – June 2016

UNI RESEARCH AS, BERGEN, NORWAY

Responsible for web architecture, development and maintenance for this mid size company.

Migration of the existing different Wordpress instances for each department into a new company-wide CMS. Design, development and maintenance of this CMS, making use of different 3rd. party open source packages. I also developed portals for other smaller projects, making use of a similar Python stack.

Training of the users in all departments to make use of the new platform.

Python, Django, PostgreSQL, Elasticsearch, Redis.

Contractor

2011 – 2012

BELGIUM

OpenERP (currently Odoo): development of new features and bug fixing into this Open Source ERP, both in backend and client side. Python, OpenObject framework, PostgreSQL. Scrum & Kanban methodology.

BeTV: inside the development group of this TV operator, maintenance and implementation of new features for the invoicing platform. Java EE, Spring Framework, Hibernate, Oracle, JBoss.

J2EE Analyst-Programmer

Jun 2009 – May 2011

EUROPEAN COMMISSION, BELGIUM

Maintenance and evolution of the inherited architecture. Coordination with the development & support team to produce new features and precise documentation. J2EE, JSP, Spring framework, Documentum and Oracle RDBMS, JasperReports, iReport, AJAX (DOJO Framework). RUP methodology.

Java Programmer

2007 – 2009

MADRID, SPAIN

Different projects: SOA, TDD, Java EE, Hibernate, Struts, MySQL, SVN, JSP, JavaScript. Configuration of Linux servers for development environment.

Trainee

2006

IBM GLOBAL SERVICES, SPAIN

Education

Google

ASSOCIATE CLOUD ENGINEER

2022

Sun Microsystems, Madrid

SCJP, SUN CERTIFIED JAVA PROGRAMMER

2009

Universidad Pontificia Comillas, Madrid

BS IN INFORMATION SYSTEMS AND DECISION ASPECTS

2003 – 2007

Last updated on February 10, 2025