



Ariel Güelfi

Senior Software Developer

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[@LinkedIn](#)

Career Summary

Orange, Warsaw, Poland

Nov 2018-Present

Tech Lead

Flex app is a new, digital first operator created from scratch at Orange. The user has full control of their contract, which is not only cancellable on request but allows the user to switch plans and packages at any time. The whole project was treated as a sort of StartUp within Orange and it went public only 2 years from its conception. I've joined the Payments team which integrates 3rd party payment providers by adding control flows and ensuring consistency and security to monetary transactions. The position includes some DevOps work, 3rd party APIs integration and own logic implementation in Java. Technologies used include SpringBoot, Java 8, PostgresDB, Unit Testing in Spock within an ecosystem that includes Kubernetes, Vault, Spring Cloud Config, GoCD, E2E tests, Gitlab and GitlabCI; some Ansible Scripting plus python and NodeJS tools.

Scanbots, Warsaw, Poland

Oct 2017-Aug 2018

Tech Lead

Scanbots' goal was to make use of long-range drones for the monitoring of linear infrastructures, such as Electrical Networks, Oil & Gas Pipes, roads, etc. By integrating with state-of-the-art Drone manufacturers, Scanbots developed the software that integrated multiple sensors like Photo, thermal, near-infrared cameras and a LiDAR; GPS & IMUs for accurate spatial localisation. Such data needed to be sanitized, filtered, analyzed and exposed to clients. We developed a platform based in micro-services that would import, correlate, expose and export all data whilst storing it in a secure way. GIS technologies like PostGIS, GDAL, Leaflet.js, OpenSeaDragon and Potree were put in place to display images and point cloud data online. The platform's goal was to become the input to a Semi-supervised learning algorithm that would eventually find anomalies in images automatically, thanks to computer vision & machine learning techniques.

Palo IT, Paris, France

Jan 2015-Sep 2017

Senior Software Developer

Carrefour

Sep 2016 – Sep 2017

Stock handling application which updates stock quantities from online sales in real-time by aggregating data from multiple sources. Async messaging with Kafka. Distributed DBs (Cassandra, Couchbase) Performance indexing in ElasticSearch. Middleware Proxying with NodeJS and Nginx. Web Dashboard to follow up metrics in Vue.js Integration Tests written in Python with Paramiko Java 8 and Unit Testing with Spock (Groovy) Deployment scripting Ansible CI with Jenkins

Boursorama

Jul 2016 – Aug 2016



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Created a Node.js API and a Web application in AngularJS V.1 to track functional and technical metrics issued by the underlying Datalake. Fraud and Marketing dashboards ElasticSearch & Cassandra data aggregation in Node.js

SACEM

Jan 2015 – Jul 2016

Core business project for our client and first Agile one for them. The team developed a solution to easily handle errors in payments issued for several reasons. The system integrated manual, semi-automatic and automatic scenarios. Frontend in AngularJS V.1, backend in Java with Spring, Hibernate, Guava, Swagger, Lombok, Lucene, Oracle. BDD with Cucumber and TDD.

eSpatial, Dublin, Ireland

Feb 2014 – Aug 2014

Senior JAVA Developer

Part of a multinational team developing a GIS oriented solution for visualizing clients data. Bug fixing and new features implementation using jQuery, backbone, underscore.js, handlebars. Java 7, Oracle 11g Spatial, Gradle, Git; Agile environment. Proposed and implemented PoC peer-reviewing with Gerrit.

Globant, Buenos Aires, Argentina

May 2011 – Dec 2013

Senior JAVA Developer

Google Finance Datawarehouse

Nov 2011 – Dec 2013

ETL creation and maintenance for Global internal financial data. Large datasets handling with Flume Java (Google's implementation) Google toolset and architecture experience: Map Reduce, Bigtable, Borg, Protocol Buffers, parallel computing job tuning, reporting, basic Python, etc. Full release schedule follow up, generating new versions and fixes based in continuous integration framework. Completed a personal project for an in-company client which required a ground up ETL style solution. Part of an international team lead from the US (Mountain View and Ann Arbor). Traveled twice to Google Headquarters in Silicon Valley. Exposure to Pentaho and Kettle.

Cablevision

Jun 2011 - Jul 2011

Solo-consultant project to speed up bills processing on client site Full profiling and analysis of existing code and configuration Fixed bottlenecks and tuned up JVM and GC Processing times lowered from ~3 days to ~2 hours



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IBM, Dublin, Ireland

Jul 2010 – Dec 2010

Java Developer

Special project for a world-known Brewery. Real-time tracking of production chain anomalies to alert if certain SLAs were not met. Part of an English speaking multicultural environment and agile methodology. Direct user surveying (by phone, email, chat and in person). Experience with Mongo DB, DB2, LambdaJ, Web technologies, Spring, Hibernate, etc.

Accenture, Buenos Aires, Argentina

Feb 2007 – Dec 2009

Trainee -> Senior Analyst/Technical Leader

After the merging of 3 of the most important private health companies in Argentina, the projects goal was to unify processes and knowledge bases into one system. Given the size of the project, a team of 20 developers, 10 QA testers, 3 DBAs and several functional people was assembled. Solving complex performance issues including refactoring of a critical module, greatly accelerating its processing. Experience with Tapestry, Hibernate, Spring, Sybase, web services, JMS, SOA, etc. Mentoring of new members of the team including systems architecture.



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Technical Stack

Languages

Java 8 --> 21
Python 2/3
JavaScript
TypeScript
Golang
SQL

Back-end Frameworks

Spring (Boot 2-3; Reactive/Imperative)
Hibernate
Quarkus
Flask
NodeJS
Express
Spock (Testing)
JUnit
Wiremock

Front-End Frameworks

ReactJS
AngularJS
VueJS
Ionic

Data Tools

Postgres (+Postgis)
Cassandra
MongoDB
Firestore
ElasticSearch
ActiveMQ
Kafka
RabbitMQ
Spark

DevOps Tools

Ansible
Gitlab CI/CD
Github Actions
GoCD
Kubernetes
Keycloak, FusionAuth

Dev Tools

Docker
Podman
Testcontainers
Gatling

Cloud Providers

Baremetal (Proxmox) on OVH, Scaleway
Cloud Run, Firebase on Google Cloud
VMs on GCP, AWS, AZURE
MongoDB Cloud
Okta



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Languages

Native Spanish
Fluent English
Fluent French
Basic Portuguese, Italian and Greek

Education

Systems Engineering Universidad CAECE - Universidad Tecnológica Nacional

March. 2005 – December 2009 Buenos Aires, Argentina (Incomplete)

Certifications

Sun Certified Developer For Java Web Services (SCDJWS)2008

Sun Certified Programmer for Java (SCJP)2008

Apache Certified Cassandra Architect (License V2.1-0080)2016

References

Jean-Christophe Meillaud
CTO @ Scanbots

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Manuel Deval
Software Architect @ Carrefour

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Andres Melendez



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