



**Ariel Güelfi**  
**Senior Software Developer**

[ariel@guelfi.fi](mailto:ariel@guelfi.fi)

Leszno 19/13, 01-199, Warsaw, Poland

+48 577 535 424

+33 07 82 95 62 68

[@LinkedIn](#)

## Career Summary

**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**

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.



**Ariel Güelfi**  
**Senior Software Developer**

[ariel@guelfi.fi](mailto:ariel@guelfi.fi)

Leszno 19/13, 01-199, Warsaw, Poland

+48 577 535 424

+33 07 82 95 62 68

[@LinkedIn](#)

## ***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

---

## ***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.



**Ariel Güelfi**  
**Senior Software Developer**

[ariel@guelfi.fi](mailto:ariel@guelfi.fi)

Leszno 19/13, 01-199, Warsaw, Poland

+48 577 535 424

+33 07 82 95 62 68

[@LinkedIn](#)

## **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. Complex performance issues solving 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.

## **Technical Stack**

Java 8/9  
JavaScript  
Python  
Go  
Spring  
Postgres/Postgis  
Kafka - Kafka Streams  
RabbitMQ  
Cassandra  
ElasticSearch

Spark  
Docker  
Ansible  
VueJS  
NodeJS  
AngularJS  
Flask  
DevOps

## **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



**Ariel Güelfi**  
**Senior Software Developer**

[ariel@guelfi.fi](mailto:ariel@guelfi.fi)

Leszno 19/13, 01-199, Warsaw, Poland

+48 577 535 424

+33 07 82 95 62 68

[@LinkedIn](#)

## References

**Jean-Christophe Meillaud**

CTO @ Scanbots

[jc@houseofagile.com](mailto:jc@houseofagile.com)

---

**Manuel Deval**

Software Architect @ Carrefour

[manuel.deval@gmail.com](mailto:manuel.deval@gmail.com)

---

**Damien Kerbart**

Software Engineer & Scrum Master @  
SACEM

[damien@kerbart.com](mailto:damien@kerbart.com)

---

**Arnaud Morin**

Software Engineer & Scrum Master @  
SACEM

[morin.arnaud@gmail.com](mailto:morin.arnaud@gmail.com)

---

**Holly Pease**

Manager @ Google

[hpease@google.com](mailto:hpease@google.com)

---

**Matthew Simmons**

Tech Manager @ Google

[mpsimmon@google.com](mailto:mpsimmon@google.com)

---

**Andres Melendez**

Software Architect - Data Engineer @  
Google

[amelendez@gmail.com](mailto:amelendez@gmail.com)

---

**Thomas Eliassen**

Software Engineer @ IBM

[thomasliasn@gmail.com](mailto:thomasliasn@gmail.com)

---

**Stella Goreico**

Manager @ Accenture

[stella.goreico@gmail.com](mailto:stella.goreico@gmail.com)