

Experience

HERE Technologies - Senior Full Stack

Developer

Jul '18 – Jul '19 (Chicago)

Scala, Akka, AWS (EC2, ECS, DynamoDB, CloudFormation), Docker, Protobuf, Spark, Jenkins, AngularJS 7, Splunk

Fractal Industries - Senior Full Stack Developer

Oct '16 – June '18 (Reston, Virginia)

Scala, Akka, Node.js, AngularJS, Javascript ES6, Docker, DeepDive, MongoDB, Janus

Sysorex - Senior Full Stack Developer

June '15 – Oct '16 (Palo Alto, California)

Scala, Lift, Play Framework, AngularJS, MongoDB, Postgres, ActiveMQ, Node.js, d3.js

Ascendant Compliance - Senior Full Stack

Developer

October '14 – May '15 (New York, New York)

Scala, Go, Lift 2.6, AngularJS 1.6, MongoDB, Docker, RabbitMQ, SparkML, d3.js

Innovation Games - Architect Senior Backend Engineer

December '13 – August '14 (Mountain View, California)

Scala, Lift 2.6, AngularJS, Akka, Postgres.

Fleisure - Senior Full Stack Developer

November '13 – May '15 (New York, New York)

Scala, Lift 3.0, AngularJS 1.0, Rest APIs, Akka, MongoDB, Solr, DevOps

LightMiner Systems - Full Stack Developer

Jan '13 – November '13 (Remote)

Scala, Java, Lift 3.0, AngularJS, Bootstrap. MonetDB. Additional tools CentOS 6, Vagrant, SBT.

Starcom Mediavest Group - Software Engineer

August '10 – December '12

.NET framework, LINQ, EntityFramework, SQL Server, Java, Javascript, Silverlight

- Scala Development of a full workflow for code generation, automatic source code versioning and deployment tool to create and process Geolocation Data Transformations for different premium accounts
- Developed Scala processes to audit and maintain Pipelines processing for 500+ GB files
- Architected UI with AngularJS. Secured backend services communication in Scala
- Complete data extraction engineering with Scala, Akka, Spark, DeepDive and AmazonS3
- Complex real-time integration for Big Data analysis using Time / Graph Databases and Web Crawlers
- Migrated a Lift webapp to Play Framework in Scala + AngularJS in 2 months
- Exceeding expectations in terms of processing power using Scala, Akka, Akka remote and Akka Cluster
- Improved data import time for stock trades by 340% by implementing an app in Go and MongoDB
- Wrote a highly performant anomaly detector for stocks trades using Scala with SparkML, including web visualisations and analytics
- Designed and implemented backend, APIs, infrastructure and automatic testing from scratch for a new online game with Scala and Lift
- Distributed system using Scala, Akka and multiple nodes
- High traffic app, picked as “best new apps” by Apple Store
- Increased the system performance by ~ 500% by building a “integration engine” to get data from external APIs using Scala and Akka actors systems
- Responsible for servers, installation, deployment, planning and managing developers
- Development and integration of a multi-user web interface to process and display Big Data query scripts from the browser with Scala Lift framework
- Engineered a Multi-Threaded Advertisement Optimization Engine, Goal to find the best places and times to print a given ad, using target

TCN for TELMEX, Software Engineer

May '10 – August '10

ASP.Net 2.0 C#, Active Directory and SQL Server 2005.

Beesion Technologies, Software Engineer / Project Leader

January '09 – May '10

Visual Studio 2005, ASP.Net, C#, web services, Oracle, SQL Server 2005, Javascript, MS Visio to workflow design.

Galicia Bank, Programmer Analyst

January '07 – December '08

Java, VB6, ASP.Net, C#, Windows Services, Web Services. Framework 1.0 and 2.0.

SQL Server 2000 / 2005, Clear Case, Clear Quest

Century XXI, Software Engineer

January '01 – May '03

Clarion 5, Java and MySQL

parameters, audience and target information

- Development of application used to manage users inside the company (TELMEX). The technology
- Analysis, design and development of Collection system for Telecom Companies used in many Latin-American countries
- Challenging tasks to process Big Data, including development of multi-threading capabilities for the data leasing engine
- Business Process Management dynamic workflows
- Add dynamic features for Wire Transfers sub-systems interfacing with IBM services
- Portfolio Management design and implementation for monitoring the evolution of Investments, Stocks and Savings accounts
- Develop from Scratch and app to track and route in-city deliveries
- 3 different versions deployed and supported during this timeframe

Programming Languages: Scala (expert), Go (expert), C# (expert), Java (expert), Javascript (expert), C++ (expert), Assembly (expert), Haskell (expert)

Languages: English, Spanish

Education: Computer Science, University of Buenos Aires (UBA), Buenos Aires Argentina

Certifications - Courses

- **Angular 8** - <https://www.udemy.com/certificate/UC-VKYWLTWW/>
- **Functional Programming Principles in Scala** (with distinction) - EPFL
- **Angular and NodeJS** - <https://www.udemy.com/certificate/UC-52I3VASA/>
- **Introduction to Spark** (with distinction) - EDX
- **Artificial Intelligence 2018 SuperDataScience.com:**
<https://www.udemy.com/certificate/UC-I8NTGHH2/>
- **Machine Learning** (with distinction) - Stanford University by Andrew Ng
- **Blockchain A-Z™** - SuperDataScience.com <https://www.udemy.com/certificate/UC-VPMo2FVG/>
- **Implementation of Developmental Learning (AI)** (with distinction) – University Lyon Claude Bernard

Honors and Awards

* Top 3 in several Math and Programming competitions across the world

* Devpost's Numenta Machine Intelligence Challenge, Built a "[Air Traffic Anomaly Detection System](#)"