



ALEJANDRO SANDLER

SOFTWARE ENGINEER - DATA SCIENTIST

CONTACT

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📍 Barcelona, Spain

SKILLS

Software Development
Java, Python, Spring, Docker
Oracle, MySQL
AWS
Data Analyst, and Visualization
Machine Learning
Exploratory data analysis

EDUCATION

Software Engineer

Universidad Nacional de La Matanza
2008 - 2015

The graduate student has a balanced understanding of the theoretical and practical components as fundamental pillars, always in the context of a profession that requires the ability to plan and build.

Data Scientist (Course)

CoderHouse
2022

- Python
- Data acquisition, Web scraping
- Data wrangling
- Exploratory data analysis
- Data visualization (Matplotlib, Seaborn, Plotly)
- Machine learning (Supervised, Unsupervised)
- Model validation and tuning

LANGUAGES

English

Spanish

PROFILE

Software Engineer and Data Scientist. Proactive, self-taught, developing software lover. Nonstop new knowledge researcher. Take challenges and reach the goals proposed. Develop and improve my knowledge is my goal in order to build up my professional career with commitment and passion.

WORK EXPERIENCE

Software Engineer

Crealogix AG (Barcelona, Spain)

March 2019 - Present

- Estimation and development of new features and maintenance for a production web application developed in Java for Saudi National Bank (SNB). Migration from an application built in Spring Web Flow to an API Rest application using Spring MVC. Scrum was used for team organization. Working on site in KSA occasionally.
- **Responsibilities:** Maintenance of production applications, fixing issues, analysis, estimation and development of new features, migrations of technologies, releases of production versions, continuous communication with the client and other teams such as QA, and Front End. Also taking interviews for future team members.
- **Technologies:** Spring Boot, Spring Web Flow, Spring MVC, Spring Security, JPA, jobs built with Spring Batch, Jasper reports, Java 7 and 8.

Software Developer

Intive (Buenos Aires, Argentina)

October 2018 - March 2019

- Development of new features for a production web application developed in Scala for Mosaic Inc. a clean energy fin-tech company based in California, which manages loans for commercial solar development projects, and home improvements. Scrum was used for a distributive team organization, Continuous Integration, and TDD as a methodology of Development.
- **Responsibilities:** Maintenance of production applications, analysis and development of new features and researchment, Continuous communication with the client.
- **Technologies:** Scala application shipped by Docker, and built using Lagom framework, MY SQL Server Database versioned by Flyway.

Software Developer

Grupo Esfera (Buenos Aires, Argentina)





October 2017 - October 2018

- Development of new features for a production web application developed in Java for Lojack, which allows the company to manage alerts of stolen cars and provide support to affected clients. Scrum was used for team organization, TDD as a methodology of Development and Continuous Integration by Jenkins and GitLab.
- Development from scratch of a API Rest for Mercado Libre made in Golang, whose responsibility is to reconcile their debits and credits, with different acquirers such as Visa, MasterCard, American Express, and show the results through reports. The team's effort was coordinated using Scrum methodology.
- **Technologies:** Java running on a JBoss server, Spring MVC, Hibernate, JPA, MS SQL Server Database versioned by Flyway, Golang connected with different services of Amazon Web Services such as Lambda, S3, EC2 and Redshift, shipped by Docker.
- **Responsibilities:** Maintenance of production applications, development, analysis of new features and researchment, continuous communication with client.

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EXPERTISE

- Team management
- Data Visualization
- Data Analytics
- Analytical Thinking

WORK EXPERIENCE

Java Developer

Capgemini (Buenos Aires, Argentina)

January 2016 - October 2017

- Development and maintenance of web applications for Santander Rio Bank, that allows people to get a Personal, Home and Auto loans.
- **Responsibilities:** Analysis and development of new features, maintenance of production applications, including fix issues, reengineering of an application made with Servlets and Struts 1 to Struts 2 connected to a BPM Process and communication with client.
- **Technologies:** Java technologies such as Struts y and Struts 2, Spring for bean management, Servlets, Hibernate and JPA for data persistence, Test supported by JUnit and Mockito. Oracle PL/SQL Database and WebSphere were chosen for supporting the application infrastructure

Java Developer

ITR Resources S.A

January 2015 - January 2016

- In charge of developing, maintenance, and migration of applications for Citi Bank and the prepaid medicine Swiss Medical Group.
- **Responsibilities:** Maintenance and development of Colombian Home Banking site. Migration of Swiss Medical Group's site from ASP to PHP and using JQuery Mobile and Bootstrap.
- **Technologies:** Backend technologies such as Java, Sprng, Hibernate, Struts and Maven, as well as front end technologies such as JQuery, JQuery Mobile and Bootstrap.