

# **Professional Resume**

**Name:** Miguel Angel Mazacote

**Birthday:** May 25<sup>th</sup>, 1985

**Place of Residence:** CABA, Buenos Aires, Argentina.

**Role:** Java Developer

**Summary:** Software developer with three years plus of experience in Java Web projects both local and abroad.

My focus is always trying to reach the best code quality possible and for that I consider BDD the best way to achieve that goal.



## **CORE TECHNICAL SKILLS**

<b>Programming</b>	Java 11, Bash, SQL, JavaScript, TypeScript
<b>Operating Systems</b>	MS Windows, UNIX
<b>Databases</b>	SQL Server, MySQL
<b>Frameworks</b>	Spring Boot, Apache Maven, Apache Kafka, Mockito 2, JUnit5, AssertJ, Jacoco, Hibernate, AWS S3, AWS Dynamo
<b>Other</b>	Agile Development, Domain Driven Design, Test Driven Development, Git, Docker

## **EDUCATION AND TRAINING**

- [Universidad Tecnológica Nacional](#) - Technician Computer Programming (18/20 signatures)
- Pearson Test of English (ESOL International - CEF B2)
- First Certificate in English (Level B2) de Cambridge.
- CISCO Certifications:  
CISCO CCNA 1, CISCO CCNA 2 and CISCO CCNA 3

## EXPERIENCE DETAILS

### JAVA DEVELOPER AT MEDTRONIC (July 2022 – Present)

[Medtronic plc](#) is an Irish medical device company.

**Role in the Project:** Backend Developer of the team, responsible for the analysis, research, and development of new technologies and methodologies to implement solid solutions for a Medical device company. Not to mention helping teammates to implement good code quality, fixing complex issues that could appear as well as introducing good practices for both Unit Testing and Integration Testing.

**Responsible for:** Using microservices with clean architecture and DDD concepts in an agile/scrum environment. Working hand in hand with Frontend developers and QA.

**Achievements:** Designed and implemented dynamic authorization policies in Spring Security to enforce complex business rules based on user attributes, roles, and contextual information. This allowed for adaptive access control, granting or revoking access dynamically based on changing business requirements.

**Technologies used:** Java 11/17, PostgreSQL, AWS S3, Redis, FHIR, SmileCDR, Spring Boot 3, Hibernate, Kafka, OpenApi, Postman, Maven, Docker, Junit5, AssertJ, Testcontainers, Mockserver, Spring Security, Resilience4j.

### JAVA DEVELOPER AT IUNIGO (Apr 2021 – Jun 2022)

[Iunigo](#) is an Argentinian Insurtech company.

**Role in the Project:** Since the beginning in this company, I've been both designing and developing new features for one of the core business products in Iunigo.

**Responsible for:** I was part of designing two new MVC products for the company with my team using TDD, DDD and Agile methodologies with great success.

**Achievements:** Spearheaded the introduction of TDD practices within the development team, advocating for its benefits in improving code quality, reducing defects, and fostering a test-first mindset.

Also, designed and developed a custom Java library for interacting with Amazon S3, tailored to the specific needs and requirements of the project. The library provided a simplified and intuitive API for uploading, downloading, managing, and querying objects stored in Amazon S3 buckets.

**Technologies used:** Java 11, Spring Boot, MySQL, DynamoDB, AWS S3, Docker, Junit5, AssertJ, Testcontainers, Mockserver.

### **JAVA DEVELOPER AT ENDAVA (Nov 2019 – Mar 2021)**

[Endava](#) is a British Multinational IT and Software Development company.

**Role in the Project:** In this period, I was part of an infrastructure migration from *Web.com* to *Internet Brands* for the [Lighthouse Enterprise](#).

**Responsible for:** During and after the migration the focus was mainly networking and microservices' integration, but with some development in the last part of my involvement there using NodeJS.

**Technologies used:** Java 8, Spring Boot, NodeJS, MongoDB, MySQL, Docker.

### **JAVA DEVELOPER AT GLOBANT (Aug 2018 – Oct 2019)**

[Globant S.A.](#) is an Argentinian Multinational IT and Software Development company.

**Role in the Project:** During my time in Globant I was working in an internal core project named [StartMeUp](#) developing new features and improving performance between the different apps inside the suite. This project is a private social network used inside the company but also is being used by external clients.

**Achievements:** Implemented Jacoco, a Java code coverage library, to analyze and measure code coverage metrics within the project. Configured Jacoco in the build process to generate coverage reports and track code coverage trends over time. Using Sun coding conventions as the standard for code quality and consistency within the project, ensuring uniformity across all codebases and development teams.

**Technologies used:** Java 8, Spring Boot, Amazon S3, MySQL, Docker.

### **JAVA DEVELOPER AT PYRAMIDAL (Sep 2017 – Jul 2018)**

Pyramidal is a local software company with focus mainly in giving finance solutions to small companies.

**Role in the Project:** My responsibilities here were in developing billing and collection reports for a financial client.

**Achievements:** Successfully identified performance bottlenecks within the SQL Server database caused by a heavy batch processing workload on a specific big SQL query during office hours, changing that to creating a scheduled task after office hours for long-running transactions with stored procedures by utilizing database snapshots to maintain data consistency.

**Technologies used:** Java 7, JSP, jQuery and SQL Server.