



# Facundo Ariel Mengoni

## Senior DevOps Mobile Engineer

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## Professional summary

Technical leader with over 8 years of experience in the development and delivery of Android applications. Known for my natural leadership, effective problem-solving skills, and consistent support for my team.

I have collaborated with major clients from various sectors, achieving positive results and notable references. I stay updated with the latest technologies and emerging libraries, always striving to implement best practices.

- I excel in adapting to project needs, demonstrating exceptional skills in both short-term and long-term problem analysis and resolution.
- I am highly organized in tracking tickets and using them for team planning and releases. I leverage technical and management metrics to make informed decisions and efficiently plan tasks.

Problem resolution

Analysis capacity

Quality

Planning

Reporting/Metrics

English

## Professional experience

### DevOps Mobile Engineer Greenlight - March 2022 - Present

Responsible for automating infrastructure and the mobile app release process.

- Defined processes related to development, testing, and release, providing tools for developers and ensuring code quality. Includes distribution through Firebase and TestFlight and monitoring of production errors.
- Developed infrastructure for application modularization and architectural needs automation, from distribution in Artifactory to delivery in PlayStore.
- Implemented observability in Datadog for infrastructure and application usage metrics, with dashboards and monitors for visualization and anomaly notification, including auto-generation of tickets in Jira.
- Supported the Quality Engineering (QE) team by developing tools and automations to ensure deliverable quality, including ticket validation, automatic regressions, unit/integration test execution, and static code checks.

Automation

GitHub Actions

Datadog

Artifactory

Bitrise

Docker

Ruby

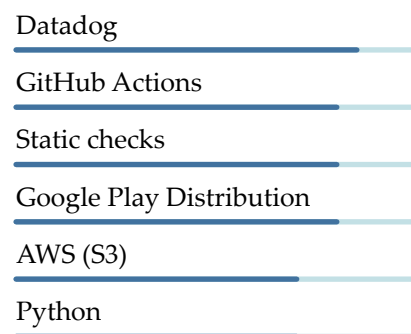


## DevOps Android Engineer Venmo/PayPal - January 2021 - March 2022

Responsible for monitoring and analyzing pipeline stability in Datadog, reporting on daily regression test execution.

Collaborated in optimizing pipelines, improving code validation, and reducing execution times for each phase.

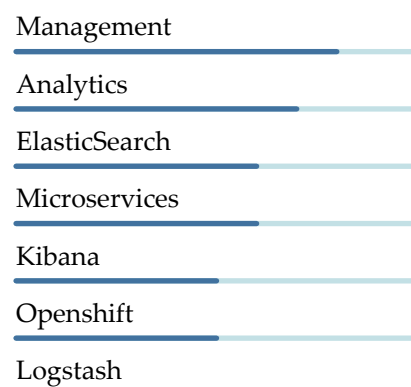
- Configured checks in GitHub to validate pull requests, ensure stability of the develop branch, and manage releases.



## Project/Engineer Manager Globallogic - August 2020 - January 2021

Led the development team, managing technical definitions and planning in collaboration with a major telecommunications client in Latin America.

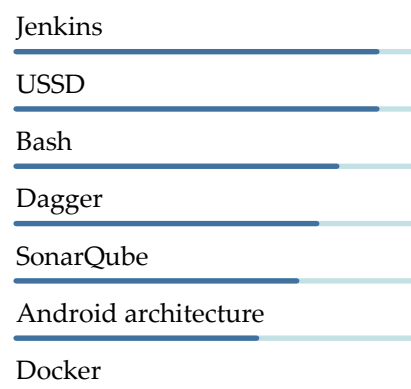
- Directed the migration of an existing system for managing internet and phone service sales to a microservices architecture.
- Managed a multidisciplinary team of 10 people, including QA, Backend, React, Android, and UX.
- Defined key criteria for data analysis in Analytics, optimizing data-driven decision-making.
- Collaborated on the technical definition of the application, establishing best practices for Backend and Frontend (Android and Web) integration.



## Android technical lead Globallogic - April 2017 - August 2020

Developed an innovative Android application for managing balance sales at points of sale for one of the leading telecommunications companies in Latin America.

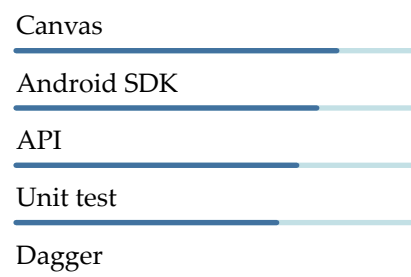
- Redesigned the balance sales process through USSD, creating a specific gateway for the company's antennas.
- Implemented CI/CD processes for the continuous distribution of the Android application and Backend service, optimizing delivery and deployment.
- Made continuous technical improvements based on SonarQube metrics and functional analysis with the client, ensuring product quality and evolution.



## Sr Android developer Globallogic - April 2017 - April 2016

Developed three Android applications with a common core, following design guidelines for one of the leading private jet companies in the US.

- Implemented specific controls for the aircraft within the apps, including integration with an onboard server that provides real-time data.
- Led the development of one of the three applications, coordinating with other leads to align work across teams and develop shared components.
- Designed and developed the dynamic representation of the aircraft in the graphical interface, shared across applications for a cohesive user experience.





## Sr Android developer Globallogic - March 2016 - April 2016

Developed an Android application for one of the leading satellite TV companies in Latin America, aimed at the sales team across 9 countries. The app provides comprehensive information and support for sales representatives throughout the sales process.

- Designed and implemented the Android application, ensuring an optimized user experience and robust functionality.
- Ensured compatibility with multiple versions of Android and various screen sizes, guaranteeing consistent performance across all devices.

Responsive design

i18N

OAuth 2

SQLite

Google Play Distribution

Jenkins

## Ssr Android developer Globallogic - December 2014 - March 2016

Developed proof-of-concept Android applications for the marketing department of one of the largest beverage companies globally.

- Implemented augmented reality features using chroma key effect to remove green backgrounds from videos in real-time, enhancing visual interaction.
- Integrated beacons for contextual interaction within the app, optimizing the user experience based on their environment.

BLE

Augmented Reality

NDK

OpenCV

OpenGL

## Android technical lead Arzion S.R.L. - October 2013 - November 2013

Developed an application for buying and selling products among friends and acquaintances, facilitating transactions on a user-friendly platform.

- Collaborated in defining the design and architecture of the solution, ensuring a robust and scalable technical structure.
- Established the contract between Frontend and Backend to ensure smooth and efficient integration between different layers of the application.

Bitmap/Canvas

Push notifications

Memory leaks

Web Sockets

## Android developer Arzion S.R.L. - November 2012 - September 2013

Developed a social network for sharing secrets, which included a real-time chat system using WebSockets, enhancing instantaneous interaction between users.

- Implemented dynamic image generation with text, allowing for personalization and visual enrichment on the platform.
- Defined the messaging flow to ensure accurate and reliable operation, maintaining the integrity of user communication.
- Developed a web dashboard for validating and approving uploaded images, facilitating content management and moderation within the application.

Lifecycle

JSON

Android SDK

Google Play Distribution

Bash