

Michel Atucha

· SENIOR FULL-STACK DEVELOPER · JAVA · FLUTTER · REACT · SPIKE.DEV

☎ (+593) 93-941-9677 | ✉ matt@sp1ke.dev | 📧 zp1ke | </> zp1ke | 🌐 miche2atucha | 📺 zp1ke | 📱 zp1ke

“Happy debugging”

Summary

Senior Full-Stack Developer with 11+ years of experience architecting and delivering scalable SaaS platforms. Built **TuFactorero** (invoicing platform serving thousands of daily active users) and **EcuaFirma** (digital signature system), both using Java Spring Boot, Flutter, and React. Expert in full-cycle development from database design to cloud deployment (AWS, S3). Specialized in payment gateway integrations, real-time systems, and cross-platform mobile applications. Remote-first engineer seeking worldwide opportunities to build impactful products.

Skills

Core Stack: Java (Spring Boot) · Dart (Flutter) · JavaScript/TypeScript (React) · MySQL/PostgreSQL · MongoDB · Redis

Cloud & DevOps: AWS (S3, Rekognition) · REST APIs · Payment Gateways (Stripe, PayPal, Braintree) · WebRTC

Additional: Kotlin · Python · Swift · PHP · Node.js · Angular · Electron · Firebase

Languages: Spanish (Native) · English (Professional Working Proficiency)

Soft Skills: System Architecture · Cross-functional Leadership · Remote Collaboration · Problem Solving

Work Experience

Touwolf Technologies S.A.

Quito, Ecuador (Remote)

SENIOR FULL-STACK DEVELOPER

Apr. 2020 - Present

- **Led end-to-end development** of EcuaFirma, a SaaS digital signature platform serving thousands of daily active users across Ecuador.
- Architected scalable microservices backend using **Java Spring Boot** with MySQL database, REST APIs, and AWS cloud infrastructure (S3, Rekognition).
- Built cross-platform mobile app (**Flutter**) and responsive web applications (**React**) supporting customer self-service and admin management.
- Integrated multiple payment gateways (Stripe, Payphone, Deuna) enabling seamless online transactions and revenue generation.
- Implemented AI-powered customer validation using AWS Rekognition for identity verification and fraud prevention.
- Engineered secure PDF digital signature system supporting .p12/.pfx certificates compliant with Ecuadorian regulations.

TuFactorero (Self-Founded SaaS)

Ecuador

FOUNDER & LEAD DEVELOPER

Apr. 2017 - Present

- **Founded and built** a complete invoicing SaaS platform from scratch, now serving **thousands of daily active users** across Ecuador.
- Designed polyglot architecture using **Java** backend, **React** web app, and **Flutter** mobile apps (Android/iOS) with MySQL, MongoDB, and Redis databases.
- Integrated with Ecuador's SRI tax authority via SOAP API for automated electronic invoice submission and tax compliance.
- Built WooCommerce plugin (PHP) enabling e-commerce businesses to automatically generate invoices, expanding market reach.
- Implemented multi-gateway payment processing (Stripe, Paymentez, Datafast, Payphone) handling secure financial transactions.
- Developed real-time push notification system for Android/iOS keeping users informed of invoice status and payments.

Logistiks (Contract)

Ecuador (Remote)

FULL-STACK DEVELOPER

Apr. 2019 - Present

- Developed warehouse and inventory management system using Node.js backend with MySQL database and Angular/Electron desktop application.
- Integrated Braintree payment gateway and QuickBooks API for automated invoicing and financial reporting.
- Enabled real-time inventory tracking and order fulfillment workflows improving warehouse operational efficiency.

Telemédico (Telemedicine Startup)

Ecuador

FULL-STACK DEVELOPER

Jul. 2019 - Sep. 2022

- Built HIPAA-compliant telemedicine platform with MySQL backend, React/React Native frontends, and AWS S3 cloud storage.
- Integrated Agora and Twilio for real-time video consultations between doctors and patients across Ecuador.
- Implemented secure payment processing with Paymentez and push notifications for appointment reminders.

Cuballama (Telecommunications Startup)

Ecuador

FULL-STACK ENGINEER

Apr. 2014 - Oct. 2017

- **First engineering hire** building telecommunications platform enabling international calling and money transfers to Cuba.
- Architected full-stack solution with Java/PHP backend, MySQL/Redis databases, and Angular/Ionic/native mobile frontends.
- Implemented WebRTC voice calling across web and mobile platforms (Android/iOS) delivering high-quality international calls.
- Integrated multiple payment gateways (Braintree, BeanStream, EBanx, PayPal) processing thousands of international transactions.
- Built SMS messaging system using Nexmo and Twilio APIs with push notifications for real-time communication.
- Developed flight booking system (Cubaviaja) integrating Amadeus SOAP API for travel reservations.

Education

UCI (University of Computer Sciences)

Havana, Cuba

ENGINEERING IN COMPUTER SCIENCE

Sep. 2008 - Jul. 2013

CUJAE (Technological University of Havana)

Havana, Cuba

MECHANICAL ENGINEERING

Sep. 2000 - Jul. 2005

Published Android Apps

AquaPact - Water Intake Tracker

Google Play Store

DEVELOPER & PUBLISHER

Feb. 2025 - Present

- Built Flutter-based water tracking app with customizable hydration goals, smart reminders, and 7-day statistics dashboard
- Implemented Android home screen widget for quick water intake logging without opening the app
- Designed user-friendly interface with wake/sleep time configuration and daily progress tracking features

MineSweeper - Classic Puzzle Game

Google Play Store

DEVELOPER & PUBLISHER

Jun. 2022 - Present

- Developed Flutter-based classic Minesweeper game with modern UI, customizable board sizes (6x6 to 20x20), and variable mine density
- Integrated Google Play Games Services for global leaderboards enabling players to compete worldwide with best scores and times
- Implemented multiple themes with dark/light mode support, smooth animations, and offline play capabilities

TeditoX - Plain Text Editor

Google Play Store

DEVELOPER & PUBLISHER

Sep. 2025 - Present

- Built Flutter-based text editor with Material 3 design supporting multiple encodings (UTF-8, UTF-16, ISO-8859-1) and line ending formats
- Implemented unlimited undo/redo with intelligent memory management, line numbers, and real-time character/word/line counters
- Designed privacy-first architecture with all files stored locally, no internet permissions, and automatic crash recovery

Open Source Contributions

Kuallpapers - KDE Plasma Dynamic Wallpaper Plugin

 GitHub

AUTHOR & MAINTAINER

Jan. 2026 - Present

- Developed KDE Plasma 6 plugin enabling custom wallpaper scheduling with unlimited time slots and day/night cycle configurations
- Built QML/JavaScript UI with Material design allowing users to configure transitions at specific times (e.g., 08:00 work start, 18:00 evening)
- Published with Apache 2.0 license including pre-configured 12-stage day-cycle using high-quality default artwork from bitday.me

Salert - Dart Financial Calculations Library

Published on pub.dev

AUTHOR & MAINTAINER

May 2024 - Present

- Built high-precision financial calculation library handling discounts, multi-tier taxation, and decimal accuracy for commerce apps
- Actively used in production by eQon mobile app for real-time sales calculations
- Designed type-safe API with comprehensive test coverage to prevent floating-point errors in monetary operations

Bridje Framework - Modular Java Development Framework

 [GitHub](#)

CORE CONTRIBUTOR

May 2016 - Sep. 2021

- Contributed to dependency injection, IoC container, and ORM modules used across multiple enterprise Java projects
- Implemented annotation-based configuration system reducing boilerplate code by 40% compared to XML configs
- Designed and developed RESTful web services module with automatic OpenAPI documentation generation

JamboDB - Custom Database Storage Engine

 [GitHub](#)

CORE DEVELOPER

Dec. 2021 - Aug. 2022

- Architected low-level storage engine with B-tree indexing and ACID transaction support for experimental NoSQL database
- Implemented memory-mapped file I/O and custom serialization protocol optimizing read/write performance

Dependencies Checker - IntelliJ IDEA Plugin

JetBrains Marketplace

PLUGIN DEVELOPER

Jan. 2017 - Apr. 2017

- Developed IntelliJ IDEA plugin scanning Maven/Gradle projects for outdated dependencies with one-click updates
- Published to JetBrains Plugin Marketplace, automating dependency management for Java development teams

Jodit WYSIWYG Editor (5.8k+ stars)

 [GitHub](#)

ACCEPTED CONTRIBUTOR

Jun. 2018 - Jul. 2018

- Contributed complete Spanish localization (280+ strings) merged into official repository, expanding global reach


PayPal Cordova Plugin (1.1k+ stars)

 [GitHub](#)

ACCEPTED CONTRIBUTOR

Oct. 2014 - Nov. 2014

- Enhanced PayPal SDK by adding invoice number tracking to payment API, improving transaction reconciliation capabilities

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