

RAFAEL MATOS MONTEIRO INFANTE

Senior Fullstack Java Engineer & Team Lead · Payments · Platform Engineering · Full-Stack Delivery

São Paulo, Brazil (Remote · UTC-3, year-round · ~4-6h daily overlap with US Eastern) · matos.rafael@gmail.com · +55 19 99962-1642 · linkedin.com/in/rafael-infante-65680394 · github.com/rafaelinfante · rafaelinfante.net

PROFESSIONAL SUMMARY

Senior Fullstack Java Engineer and Team Lead with 20+ years of experience building and modernizing secure, cloud-deployed production platforms. Payments is my deepest specialty — I raised payment authorization success from ~37% to ~84% and have integrated 13 gateways behind unified, PCI-aware APIs — but my range is broad: end-to-end full-stack delivery (Java / Spring and Angular / TypeScript), mobility and smart-city platforms, the CI/CD and engineering toolchain I built from scratch, legacy-to-modern migrations, and leading distributed teams. Core engineer on PayBrix, a collections platform publicly reported at €150M+ processed. Oracle Certified Professional, Java Programmer. English C1/C2; work asynchronously with daily US overlap. Open to remote contract or full-time roles.

KEY ACHIEVEMENTS

- Core engineer since inception on **PayBrix**, a collections platform publicly reported at **€150M+ processed**; integrated **13 payment gateways**.
- Raised payment **authorization success rate from ~37% to ~84%** (12-mo before/after) by introducing two high-performing gateways (Stripe 94%, Authipay 90%) to replace legacy gateways at 43-58%.
- **€44.5M+ settled** across **95,000+ transactions**, **180,000+ policyholder records**, and **1M+ automated payment reminders** across the systems I directly maintain.
- Built the team's CI/CD from scratch: **26 Jenkins pipelines across 16 services**, cutting deploys from a manual 15-minute-to-1-hour process to ~1 minute; added SonarQube, Wazuh, and Uptime Kuma.
- Delivered a greenfield **Parking Management Solution** (Java 17 / Spring Boot 3.5 / Angular 20) that grew **payment volume ~188% and transactions ~228%** in its first year across two national markets.
- **3,000+ commits** and **847 Jira tickets** over 5 years; **470+ team pull requests** reviewed and merged as Team Lead. Led modernization (Spring 4.3→5.3, AngularJS→Angular).

TECHNICAL SKILLS

Backend: Java (8 / 11 / 17), Spring Framework / Spring MVC (5.3), Spring Boot (3.2-3.5), Spring Security, Spring Data JPA, Hibernate / JPA, Flyway, Spring Integration (MQTT), Quartz, Lombok, MapStruct · legacy: Struts, JSF, Servlets, EJB

Frontend: Angular (17-20), TypeScript, RxJS, AngularJS, JavaScript, jQuery, HTML5, CSS3, Bootstrap · legacy: JSP, Facelets

Payments & Security: 13 gateways (Stripe, PayPal, Worldpay, Realex / Global Payments, ACI, Authipay, Payvector, Windcave, Planet, Checkout.com, NMI, Capita Pay360, Credorax), gateway-hosted payment pages (reduced PCI scope), webhook signature verification, OAuth2 / JWT / OIDC, PCI-aware secure coding, Azure AD / Entra ID

Cloud & DevOps: Docker, Jenkins (CI/CD pipelines), Maven, Git / Bitbucket, AWS (S3 / CloudFront / Route 53), SonarQube, Wazuh, Uptime Kuma, Tomcat, Jira, Confluence, Slack

APIs & Data: REST, OpenAPI / Swagger, SOAP, JSON, XML / XSLT · MySQL, SQL Server, Oracle, DB2, PL/SQL

Testing: JUnit 5, Mockito, AssertJ, Testcontainers, ArchUnit, MockMvc, JMeter

Architecture & Leadership: Microservices & modular monoliths, legacy modernization, system design, design patterns, Agile / Scrum, team leadership, mentoring, AI-assisted development

PROFESSIONAL EXPERIENCE

Senior Fullstack Java Developer & Team Lead

2016 – Present

Telclíc (telclíc.net) · Dublin, Ireland — Remote from Brazil

Core full-stack engineer and Team Lead at Telclíc, working across payment, insurance, mobility, and smart-city platforms used by tier-1 clients including Vodafone, Three, O2, and the National Transport Authority of Ireland. Joined a 3-person engineering team and contributed directly to its growth into a mature, multi-country operation.

Payments engineering

- Build and maintain **PayBrix** (front and back end) since inception — a platform publicly reported at **€150M+ processed**; the payment services I directly maintain settle **€44.5M+ across 95,000+ transactions, 180,000+ policyholder records, and 1M+ automated SMS/email reminders**.
- Raised payment authorization **success rate from ~37% to ~84%** (12-month before/after) by designing and integrating two new gateways (Stripe at 94%, Authipay at 90%) to replace legacy gateways running at 43–58%.
- Integrated and unified **13 payment gateways** (Stripe, PayPal, Worldpay, Realex / Global Payments, ACI, Authipay, Payvector, Windcave, Planet, Checkout.com, NMI, Capita Pay360, Credorax) behind common APIs. Card data is handled through **each gateway's hosted payment page, so cardholder data never touches our systems (reduced PCI scope)**; signature-verified webhooks with constant-time MAC comparison, OAuth2 / JWT / OIDC, and strict no-secrets-in-logs handling.

Platform engineering, DevOps & observability

- Inherited a team that tracked work in spreadsheets; introduced the tools that became its engineering backbone: **Jira, Bitbucket, Jenkins (CI/CD), Slack, and Flyway**.
- Designed and configured **26 Jenkins pipelines across 16 services** (PR → merge → webhook → automated deploy), cutting deployment from a **manual 15-minute-to-1-hour process to ~1 minute** (~10 deploys/week, 89% build success).
- Added **SonarQube** quality gates to the CI pipeline (bugs, vulnerabilities, code smells), **Wazuh** for threat prevention and detection, and **Uptime Kuma** for service uptime monitoring — all introduced on my recommendation.

Mobility & smart-city platforms

- Built a greenfield, multi-tenant **Parking Management Solution** (Java 17, Spring Boot 3.5, Angular 20): Maven multi-module, MySQL / Flyway (689 migrations), Spring Integration MQTT device integration, per-site tariff engine, and multi-gateway card payments — serving operators across two national markets and growing **payment volume ~188% and transactions ~228% in its first year**.
- Delivered full-stack features for **TrafficFlow** (Port of Dakar HGV traffic management with ANPR and integrated payments) and **TFI Bikes** (Ireland's national public bike-share across four cities).

Modernization & migrations

- Spring Framework 4.3 → 5.3 on core platforms; greenfield services on Spring Boot 3.2–3.5. AngularJS → latest Angular; Java 8/11 → 17. Refactored legacy HibernateTemplate / SessionFactory / HQL persistence to Spring Data JPA.

Leadership & AI-assisted engineering

- Team Lead for 5+ years of distributed teams (6 in Ukraine, currently 4 in Brazil): task distribution, code review, PR approval and merges (470+), release validation, mentoring, and primary technical contact for PayBrix clients; standards based on the Google Java Style Guide.
- Shipped autonomous daily health-check reporting for 2 production payment systems (shell collectors + headless LLM interpretation, scheduled), and evaluate AI agents for PR analysis and automated testing.

Selected projects

- **PayBrix** — Insurance collections-automation suite: recurring payments, automated dunning, omnichannel outreach (SMS / email / click-to-pay across Visa & Mastercard), live arrears dashboards, automated PAS reconciliation, in a PCI / ISO / GDPR-compliant environment. Full-stack ownership; clients include CFM Group and Campion Insurance.
- **Parking Management Solution** — Multi-tenant parking platform on a modern greenfield stack (Java 17, Spring Boot 3.5, Angular 20, Maven multi-module, MySQL / Flyway, MQTT, multi-gateway card payments) serving operators across two national markets.
- **TrafficFlow** — Cloud vehicle and facility management platform for heavy-goods traffic at the Port of Dakar, Senegal: online booking, ANPR-based automated entry/exit, integrated payments, POS, and tax-compliant invoicing; relieved congestion that had forced vessels to reroute. Full stack (AngularJS front end).
- **TFI Bikes** — National public bike-share across Limerick, Cork, Galway, and Waterford, provided by the National Transport Authority of Ireland, with multilingual web and iOS / Android apps. Full stack.
- **2Bill** — Direct-carrier mobile billing (charge purchases to phone bill, sub-10-second transactions) via operators including Vodafone, Three, and O2. System maintenance.

Java Developer Analyst

Mar 2014 – Aug 2015

SulAmérica Insurances · São Paulo, Brazil

- Gathered requirements with end users and built a new batch billing system that generated and delivered broker-turnover files for one of Brazil's largest insurers.

- Developed and maintained internal web systems and services with Java, Spring, Maven, Struts, JSP, AngularJS, JSF, JPA, and JavaScript; maintained Oracle and DB2 databases; deployed via Jenkins.

System Analyst

Sep 2012 – Oct 2013

Everis · São Paulo, Brazil

- Gathered requirements and produced use-case and technical specifications for a new credit-card authorization system.
- Provided development support, led daily stand-up meetings, tested delivered code, and produced delivery estimates.

Java & Web Developer

Mar 2011 – Jul 2012

Fujitsu · São Paulo, Brazil

- Developed, maintained, and enhanced multiple corporate web applications using Java, Struts, JSF, EJB, JPA, Hibernate, Servlets, Facelets, and AJAX.
- Managed Oracle databases and deployments; performed unit and performance testing with JUnit and JMeter.

Java Developer & Team Leader

Dec 2009 – Feb 2011

Trevi Mechanical Industry · São Paulo, Brazil

- Coordinated projects and led a team of 3 developers — defining tasks, deadlines, and schedules and running daily status meetings.
- Built and maintained the company's control system using Java, JSF, Struts, Servlets, JPA, and ANT.

Java & Web Developer

Jun 2006 – Nov 2009

Martin-Brower · São Paulo, Brazil

- Built and maintained internationalized (I18N) Java web and client-server systems, rolled out across multiple countries for a global foodservice distributor (McDonald's supply chain).
- Migrated legacy client-server systems to the web via SOAP services; produced reports with Jasper and Crystal Reports; maintained MS SQL databases and stored procedures.

Java & Web Developer

Mar 2004 – Oct 2005

Stefanini IT Solutions · São Paulo, Brazil

- Built an intranet news portal and maintained the company's sales system using Java, JSP, Servlets, JDBC, and XML.

EDUCATION & TRAINING

B.Sc. in Computer Science

São Judas Tadeu University, São Paulo, Brazil

General English Course

Griffith College, Dublin, Ireland

CERTIFICATIONS & COURSES

- Oracle Certified Professional, Java Programmer — Oracle
- Process Management with ITIL v3 — Fujitsu
- Web Developer Academy & Java Academy — Globalcode
- Spring & Hibernate (incl. Spring Boot); Angular — The Complete Guide; Apache Maven: Beginner to Guru; Responsive Web Design with HTML5 & CSS3; Bootstrap 4 — Udemy

LANGUAGES

Portuguese — Native · English — Fluent (C1/C2; listening C1, reading C2, writing C2, spoken C1) · Spanish — Basic (A2)