

## TIAGO GOMES PEREIRA

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Location: Brazil – Willing to Relocate

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### PROFESSIONAL SUMMARY

Strategic and technical Program Manager with over 14 years of experience leading mission-critical projects in biometric platforms, digital transformation, and cloud DevOps environments across Latin America. Recognized for integrating advanced program governance, cross-functional leadership, and technical expertise to deliver value-aligned solutions at scale. Proven ability to drive innovation through AI-based models (LLMs, Siamese networks), system architecture design, and smart project automation.

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### CORE COMPETENCIES

- Program, Project & Portfolio Management (PgMP®, PMP®)
  - PMO Strategy and Governance
  - Digital Transformation (AI/LLMs, DevOps, Cloud)
  - Biometric and Identity Systems
  - AI-Driven Project Automation & Forecasting
  - Government and National ID Platforms
  - Technical Architecture & System Integration
  - Risk, Compliance & Cybersecurity (ISO 27001, NIST)
  - KPI Frameworks, Dashboards & ROI Analysis
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### CERTIFICATIONS

- PgMP®, PMP®, PMI-ACP®, DASSM®, PMO-CP® (PMI)
- AWS Certified Cloud Practitioner
- PSM I®, PSM II® (Scrum.org)
- Google Project Management Certificate
- ISO/IEC 27001:2013 Internal Auditor

- ITIL®, DevOps Professional® (EXIN)
  - OCA (Oracle Certified Associate)
  - LPIC (Linux Professional Institute Certification)
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## EDUCATION

**MBA in Project and Process Management** — UMJ

**Mini MBA in Strategic Management** — European Institute of Leadership & Management (Dublin), 2024

**Strategic Management Program: Competitive Advantage** — Wharton School of Business, 2024

**Postgraduate in Networks and Information Security** — Wyden, 2009

**Bachelor in Information Systems** — FTC, 2007

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## LANGUAGES

- Portuguese: Native
  - English: Advanced
  - Spanish: Advanced
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## PROFESSIONAL EXPERIENCE

### Head of PMO & DevOps | Iafis Group | 2020 – 2025

- Spearheaded a portfolio of multimillion-dollar biometric and civil identity programs for national governments in Latin America, including passport issuance systems, border control, and criminal forensics.
- Built and matured the enterprise PMO from the ground up, aligning project execution with business strategy and implementing a hybrid framework combining PMI, SAFe, and Agile best practices.
- Led the architecture and deployment of biometric verification systems leveraging Siamese neural networks and CNNs, implemented with TensorFlow and Flask APIs.
- Directed the implementation of predictive planning dashboards using AI (LLMs) to automate schedule forecasting, effort estimation, and risk analysis.

- Oversaw cross-border programs with distributed teams, ensuring compliance with international standards (ISO 27001, GDPR, NIST) and negotiating deliverables with multi-government stakeholders.
- **Key results:**
  - Reduced project delivery time by 24% through automation and predictive analytics.
  - Cut external software licensing costs by 60% by developing internal solutions.
  - Increased visibility and strategic decision-making via real-time dashboards adopted across 5 countries.

#### **Senior Project Manager | Iafis Group | 2014 – 2020**

- Managed end-to-end delivery of biometric enrollment systems, civil registries, and forensic platforms, integrating databases with deduplication engines and real-time analytics.
- Directed the rollout of national ID systems with high availability (99.5%) and seamless integration to external agencies through secure REST/SOAP interfaces.
- Standardized project execution by introducing KPIs, earned value models, and automated reporting, reducing variance in budget/schedule across the portfolio.
- Migrated legacy biometric platforms to Oracle and AWS-based cloud infrastructure, enabling scalable identity processing and disaster recovery plans.
- Mentored cross-functional teams in Agile practices, contributing to a culture of continuous improvement and iterative delivery.
- **Key results:**
  - Successfully delivered 7+ national and regional platforms ahead of schedule.
  - Decreased project rework by 32% through implementation of Agile coaching and QA gates.

#### **Project Supervisor | Iafis Group | 2013 – 2014**

- Supervised document management system (GED) deployments for public security and justice institutions, ensuring traceability and regulatory compliance.

- Supported technical and functional requirements gathering, backlog management, and sprint planning with internal and government stakeholders.
- Strengthened PMO maturity by deploying centralized templates, RACI matrices, and lesson-learned repositories.
- **Key results:**
  - Reduced delivery deviations by 20% through improved monitoring and resource control.

### **System Administrator | Iafis Group | 2010 – 2013**

- Designed and maintained biometric data capture stations (AFIS/ABIS) and backend services across multiple states in Brazil.
- Developed a biometric data acquisition platform including front-end modules in C# using Windows Forms, integrated with biometric SDKs for fingerprint and facial image capture.
- Engineered middleware components to interface with biometric devices (fingerprint readers, cameras) and ensured data formatting according to ISO/IEC 19794 standards.
- Created a modular UI for operators with validation workflows, image quality feedback, and real-time data synchronization.
- Implemented communication layers with Oracle and SQL Server databases, enabling centralized storage and audit logging.
- Ensured availability and security of infrastructure through proactive monitoring, high-availability failover configurations, and custom shell/Python scripts.
- Collaborated with R&D on developing API-based interfaces for fingerprint and facial recognition engines.

### **Key results:**

- Increased company market share by 17% by enabling direct offering of a biometric enrollment product previously provided solely through a third-party partner, allowing onboarding of new clients and expanding the product catalog.
  - Delivered 99.8% uptime for mission-critical identification services.
  - Reduced incident resolution time by 40% through automation and system diagnostics.

- **BiomatchML** (AI for fingerprint verification):  
<https://github.com/algodas/BiomatchML>
- **Localizafazenda** (Geospatial analysis for cacao zones):  
<https://github.com/algodas/Localizafazenda>