

# DANIEL BARBOSA LEMOS

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## PROFESSIONAL SUMMARY

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Senior Software Engineer and Technical Manager, with over 14 years of experience focusing on the Financial Services and Fintech sectors. Proven track record in leading high-performance engineering teams, architectural design, and scaling distributed systems using Go, PHP, and Cloud technologies. Strongly experienced in banking solutions (PIX, TEF/TED) and regulatory compliance.

## TECHNICAL SKILLS

- **Languages & Frameworks:** PHP (Laravel, Lumen, Yii), Golang (Gin, Fiber), Python (Django).
- **Infrastructure & Data:** AWS, GCP, Apache Kafka, Redis, MySQL, Postgres, MongoDB.
- **Methodologies:** Scrum, Agile, Management 3.0, Clean Architecture, SOLID.
- **Languages:** Portuguese (Native), English (Intermediate/Professional Working Proficiency).

## PROFESSIONAL EXPERIENCE

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### STONE | Remote, Brazil

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#### Senior Software Engineer

*Dec 2024 – Mar 2026*

- Orchestrated the maintenance and evolution of critical banking systems, focusing on high-availability flows such as PIX, TEF, and TED.
- Spearheaded as the technical lead, responsible for developing complex technical specifications (Tech Specs) and aligning technical feasibility with the Product team.
- Boosted team performance through technical mentorship and facilitation of Agile ceremonies, raising the quality bar for all team deliverables.
- Optimized time-to-resolution by directly removing technical and procedural roadblocks, ensuring a smooth and efficient development workflow.
- Ensured operational resilience through monitoring and observability, focusing on the continuous improvement of bank transfer workflows.

### WEPAYMENTS | Remote, Brazil

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#### Tech Lead

*May 2024 – Nov 2024*

- Spearheaded the building and scaling of engineering teams, establishing standards for culture, hiring, and technical excellence to support operational growth.
- Evolved the critical Compliance and Regulatory service, ensuring operational security.
- Optimized system architecture to ensure validations did not impact PIX latency, maintaining the processing levels required by BACEN.
- Orchestrated communication between Product, Compliance, Data, and Engineering teams, translating regulatory requirements into high-availability technical solutions with low maintenance costs.
- Established agile ceremonies and code review processes that increased delivery predictability and team satisfaction.
- Promoted a data culture for monitoring and observability of cross-border transactions, enabling proactive failure identification and reducing friction in the user flow.

### PICPAY SERVIÇOS S.A. | Remote, Brazil

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#### Tech Manager

*Apr 2022 – Mar 2024*

- Orchestrated the leadership of multidisciplinary teams in a hyper-growth environment, managing engineers of different seniority levels and technical backgrounds to ensure high performance and satisfaction.
- Led the planning and implementation of a segmented user clustering service, leveraging data analysis for personalized cashback offers.

- Increased net revenue in the Affiliates area by 7.5% through algorithmic optimization of financial resource allocation, balancing ROI and user engagement.
- Scaled engineering operations as the focal point between Product and Technology, defining strategic roadmaps and removing critical impediments to meet deadlines.
- Implemented Golang development standards, promoting a culture of mentorship (Individual and through Dojo Sensei) and raising the technical maturity and delivery quality.
- Facilitated high-level stakeholder alignment, translating technical results into business metrics to ensure transparency of roadmap progress.

### Senior Software Engineer

Oct 2020 – Apr 2022

- Developed scalable solutions in PHP and Golang for Bank Reconciliation and Shop (Affiliates) areas, ensuring the integrity of high-volume financial transactions.
- Designed and implemented modern and resilient microservices architectures, utilizing design patterns that enhanced API security and testability.
- Led Dojo sessions as a Sensei for the Golang Skill, disseminating development best practices and accelerating the learning curve for other developers across the company.
- Coordinated the technical onboarding process for new developers within the Shop vertical, reducing ramp-up time and ensuring alignment with engineering standards.
- Collaborated actively with Product Managers on requirements analysis and scope negotiation, ensuring technical definitions were aligned with business objectives.

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### VEUS PROCESSAMENTO DE DADOS | Rio de Janeiro, Brazil

#### Software Engineer (Mid-Level)

Apr 2018 – Oct 2020

- Developed and deployed PHP/Laravel systems for the healthcare sector, integrating with automated testing cycles.
- Co-led a Laboratory CRM project and managed the implementation of partner laboratories.

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### MOVA TECNOLOGIA | Niterói, Brazil

#### Software Engineer (Junior)

Apr 2017 – Apr 2018

- Developed PHP/Laravel systems and Python-based communication protocols between gateways and embedded devices for vehicle monitoring.
- Developed an internal Service Order System and provided direct technical support to key clients.

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## EDUCATION & CERTIFICATIONS

- Analysis and Systems Development | Universidade Estácio de Sá (2020 – 2022)
- UdeMy:
  - Management 3.0 (2024)
  - ChatGPT4 MasterClass (2024)
- FullCycle
  - Version 3.0 (2021/2022)
  - Version 4.0 (2025/2026)
- CertiProf
  - Scrum Foundation Professional Certificate (2020)
- Alura
  - Tech Lead Training Program (2026)
  - Artificial Intelligence
    - AI and Gemini Training (2025)
    - Optimized Presentations (2025)
    - In HR: Creating Agents with ChatGPT (2025)
    - Github Copilot and ChatGPT: Boosting Your Development with AI (2025)
  - Go (2020)
  - Clean Architecture (2020)
  - PHP Architect (2020)
  - PHP Training Program (2020)