

BRUNA GODOI MACHADO

Senior Software Engineer | Backend & Cloud Architecture | Go - Python - Applied AI/ML

Sao Paulo, SP, Brazil (Available for Remote, Hybrid, and Relocation opportunities)

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PROFESSIONAL SUMMARY

Senior Software Engineer with 6+ years of experience architecting high-throughput, low-latency microservices, scalable cloud infrastructure (AWS/GCP), and production-grade AI/ML pipelines. Combines hands-on technical leadership with a strong FinOps discipline to optimize cloud costs and resolve complex performance bottlenecks--ranging from legacy analytical database migrations to training proprietary deep learning engines that eliminated recurring third-party vendor expenses.

TECHNICAL SKILLS

- Languages: Go (Golang), Python (FastAPI, Django, Flask), TypeScript, JavaScript, SQL.
- Cloud, DevOps & Observability: AWS (ECS, ECR, S3), GCP, Docker, Kubernetes, Terraform, ArgoCD, Datadog, CI/CD.
- AI & Machine Learning: LLMs (Google Gemini), Deep Learning (CNN, LSTM, Transformers), NLP, PyTorch, TensorFlow, Keras.
- Databases & Streaming: PostgreSQL, MySQL, MongoDB, Redis, Apache Kafka, RabbitMQ, Databricks.
- Architecture & Engineering: High-Concurrency Microservices, REST & gRPC APIs, Platform Engineering (React), FinOps, TDD.

PROFESSIONAL EXPERIENCE

Wildlife Studios | L4 Backend Engineer (September 2025 - June 2026 | Sao Paulo, Brazil - Remote/Hybrid)

- High-Concurrency Go Microservices: Low-latency Go services integrating React developer portals and Unity SDKs.
- AI-Driven FinOps & Cost Optimization: Automated AI auditing across Databricks & Datadog (\$24,000+/year saved).
- Developer Experience (DX) & Reliability: Streamlined multi-studio deployment workflows with 99.99% uptime SLA.

Globo | Senior Software Engineer (November 2023 - August 2025 | Sao Paulo, Brazil)

- AdTech Architecture & High Throughput: Scaled media ingestion & validation pipelines for millions of daily payloads.
- Asynchronous Architecture: Refactored validation flows into event-driven async architecture (30s -> <500ms latency).
- Multimodal AI & Brand Safety: Integrated Google Gemini multimodal models automating 95%+ of brand safety moderation.
- Real-Time Distribution: High-availability distributed integrations linking live streaming with Google Ads API.

Idwall | Software Engineer II (April 2022 - October 2023 | Sao Paulo, Brazil)

- Proprietary Deep Learning Engine: In-house CNN/LSTM CAPTCHA neural engine (90%+ accuracy, ~95% API cost cut).
- Zero-Downtime Database Migration: Migrated critical user entity data from Databricks to PostgreSQL (<10ms lookups).
- Anti-Fraud Backend Scalability: Optimized mission-critical Python microservices for digital identity verification.

Globant | Python Developer (October 2021 - April 2022 | Sao Paulo, Brazil)

- Enterprise Backend Engineering & QA: Scalable Python microservices & CI/CD workflows (>85% unit test coverage).

Mutant | Software Developer (Promoted from Junior) (March 2020 - October 2021 | Sao Paulo, Brazil)

- Scalable Web Services, NLP TTS Models (Docker/AWS/Azure) & Bitbucket CI/CD Automation (deploys from hours to <15m).

EDUCATION & LANGUAGES

- MBA in Software Engineering | USP / ESALQ (2024 - 2026) - Enterprise Architecture & Distributed Systems
- Postgraduate Specialization in Artificial Intelligence | Mackenzie Presbyterian University (2022 - 2023)
- B.S. in Computer Science | Mackenzie Presbyterian University (2018 - 2021)
- Languages: Portuguese (Native) | English (Full Professional / Fluent)