VINÍCIUS TORRES NÓBREGA GOMES

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SUMMARY

Mid-level Data Scientist and Tech Lead (Data Science, AI & Product Engineering) with end-to-end ownership of cloud-based data and AI products. Hands-on across AWS/Azure, APIs, CI/CD, infrastructure as code and observability, shipping scalable systems with strong data quality, performance and governance.

EXPERIENCE

Innovatis Consultoria e Tecnologia   **Feb 2025 - Present**
Tech Lead · Data Science, AI & Product Engineering   *João Pessoa, Brazil*
- Tech lead for a small technology squad; own architecture, standards, roadmap and delivery for data/AI platforms.
- Designed and operated AWS/Azure infrastructure (VPC, RDS PostgreSQL, S3, ECS/EC2) with containerized deploys (Docker/ECR) and CI/CD (GitHub Actions).
- Built and productionized a semantic matching/classification engine (Sentence Transformers + PostgreSQL/pgvector HNSW), processing 35k+ records/day with sub-second search and 90%+ precision.
- Developed a geo-routing & strategy platform integrating Google Maps Routes API, exports and API cost alarms; applied hierarchical caching + background revalidation to improve UX.
- Implemented centralized RBAC/admin console with audit trail and territorial exclusivity rules; integrated access control across multiple platforms.

Nacional Media   **Nov 2021 - Dec 2023**
Co-founder & Operations Director
- Co-founded a full-service advertising agency and led on-site operations, coordinating strategy, execution and team workflows through data-driven planning, performance analysis and KPI-based decision-making.

Infocus Digital Marketing   **Jan 2021 - Sep 2021**
Operations Manager   *São Paulo*
- Managed day-to-day operations of a small web development team, aligning delivery, timelines and technical execution with business goals while ensuring efficiency, quality and on-time demonstrated results.

CORE SKILLS

- **Languages**: Python, SQL, R, Go, TypeScript
- **Data & AI**: ML, embeddings/semantic similarity, vector search (pgvector/HNSW)
- **Backend**: REST APIs, FastAPI, PostgreSQL
- **Cloud/DevOps**: AWS & Azure, Docker, GitHub Actions, ECS/EC2, RDS, S3, VPC, monitoring

EDUCATION

Federal University of Paraíba (UFPB)   **Mar 2021 - Mar 2026**
B.Sc., Economics   *João Pessoa*

LANGUAGES

- Portuguese (Native)
- English (C1 Advanced — Cambridge)
- Spanish (Fluent)

AWARDS

- 1st Place — Company-wide Recognition Program (Innovatis, 2025)