

MATEUS GETULIO VIEIRA

Senior Backend Engineer | APIs, SaaS Systems & Cloud Infrastructure

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SUMMARY

Senior backend engineer building APIs, internal tools, and data products for large SaaS and commerce platforms (PHP, Python, TypeScript/NestJS, MySQL/PostgreSQL), with the platform skills to run what I build: AWS deployment, CI/CD, observability, and incident response. Track record of owning systems from empty repository to production and handover.

CORE SKILLS

Languages	PHP · Python · TypeScript / JavaScript · Ruby · SQL
Backend	REST APIs · NestJS / Node.js · WordPress / WooCommerce · Ruby on Rails · webhooks · scheduled jobs
Data	MySQL · PostgreSQL · MongoDB · indexing · ETL
Cloud & DevOps	AWS (ECS, EC2, CloudFront, CloudWatch) · GitLab CI/CD · Terraform · Docker
Testing	Codeception · PHPUnit · Jest · E2E & CI stabilization

EXPERIENCE

Full-Stack & Systems Engineer

OnTheGoSystems / WPML · Remote · Jul 2020 – Present

- Built and launched an **AWS-based customer-scoring platform as the sole engineer**, classifying **100,000+ customers** with scheduled jobs, chat alerts, and a non-technical admin dashboard; documented and handed off the system.
- Maintained a **NestJS REST extension** for the company's issue-management platform and redesigned company-wide peer-review automation.
- Built **retention and review analytics systems** with scheduled snapshots, database indexing, webhook ingestion, deduplication, quotas, and experiment reporting.
- Rescued a critical daily E2E pipeline, improving reliability from **4/24 to 24/24 passing jobs** and reducing runtime from **~152 to ~79 minutes** through deterministic test data, checkout fixes, and parallel execution.
- Investigated production incidents involving **5xx errors, latency, RDS CPU, and ECS task replacement** using CloudWatch and Grafana; added **CloudFront WAF protections** against application-layer attacks.
- Mentored six engineers through onboarding, system walkthroughs, debugging, code review, and knowledge transfer.

Software Engineer / Web Developer / Security Analyst

Freelance & agencies: GoDaddy, LBC Systems, AMM Consult, Systech Inforlube · Brazil / Remote · 2013 – 2020

- Built and deployed websites, web applications, and REST/SOAP services with JavaScript, PHP, Node.js, React, and MySQL/PostgreSQL/MongoDB/Oracle.
- Handled production troubleshooting, malware cleanup, SSL/firewall configuration, vulnerability analysis, and customer-facing technical investigations across web and hosting environments.

SELECTED PROJECTS

wallflower, an open-source Go CLI that audits what Prometheus/Mimir ingests against what Grafana dashboards and alerts actually use, ranks the waste by cardinality and cost, and generates Prometheus/OTel Collector drop rules; runs as a CI gate, verified end to end against a seeded Mimir + Grafana stack. github.com/mateusgetulio/wallflower

EDUCATION

B.S., Computer Information Systems, Pitágoras College, Brazil · 2016