

Giovani Moutinho

Senior Software Engineer

Senior Backend Engineer with 15+ years of experience building scalable systems in Python and AWS.

Led backend teams and delivered high-impact systems used at scale in US-based companies.

Strong focus on performance, architecture, and developer productivity.

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SKILLS

- Languages & Frameworks (Python, FastAPI, SQLAlchemy, Django REST, TypeScript, Node.js, Express)
- Architecture & Patterns (Clean Code/Architecture, DDD, Microservices, Pub/Sub, BFF, REST, GraphQL)
- Cloud & DevOps (AWS – ECS, Lambda, RDS, S3; Docker, Kubernetes, GitHub Actions)
- Data & Messaging (PostgreSQL, Redis, Celery)
- Quality (TDD, Pytest, Ruff, CI/CD)

LATEST PROFESSIONAL EXPERIENCE

- PINTEREST - Senior Software Engineer** **Jan 2026 -Present (Remote, United States)**
- Modernized a large-scale public API platform (~700M MAU) by migrating dozens of backend services to a new spec-driven architecture, improving consistency, type safety, and developer experience across teams.
 - Pioneered AI tooling and workflows within the team, compressing a three-month delivery into three weeks.
 - Designed and shipped end-to-end backend services in Python, including domain logic, REST APIs, persistence, and integration tests, with a focus on reliability at scale.
- PRENUVO - Senior Software Engineer** **Jan 2023 - Dec 2025 (Remote, United States)**
- Implemented performance enhancements that cut response times by 25% through optimized database access and resource management.
 - Designed and built backend support for AI-powered tools used by radiologists, boosting workflow efficiency.
 - Created and rolled out a self-service discount system, giving Sales fine-grained control over promotions.
 - Led an external-service integration that improved operational efficiency and contributed to seasonal revenue gains.
- PERFLO - Software Engineer** **Nov 2021 - Nov 2022 (Remote, United States)**
- Engineered a Microsoft Teams bot to collect critical user data and integrate it into the main web application.
 - Developed RESTful APIs with Django and DRF to ensure secure, efficient data transfer with an asynchronous processing mechanism with Celery and Redis.
- OLIST - Software Engineer** **Jun 2020 - Oct 2021 (Remote, Brazil)**
- Developed RESTful APIs and microservices using a pub/sub architecture, increasing system scalability.
 - Modernized legacy apps by refactoring code and improving database interactions, lowering latency.
 - Implemented a Backend-for-Frontend layer with Node.js and Express, improving performance and simplifying client development.
 - Provided onboarding and mentoring for new team members, ensuring alignment with best practices.
- JUSTIÇA FÁCIL - Development Team Lead & Software Developer** **Mar 2019 - Jul 2020 (Remote, Brazil)**
- Coordinated a distributed team to deliver high-priority features on schedule.
 - Built asynchronous web crawlers that reduced specific search tasks from two hours to two minutes.
 - Developed features that streamlined QA workflows, saving up to eight hours per tester each week.