

Giulliano Paz

Senior Software Engineer

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Results-driven Senior Software Engineer with over 8 years of diverse experience designing scalable backend architectures, automating CI/CD pipelines, and optimizing application performance. Expertise spanning Python, Django, FastAPI, and TypeScript, with a strong background in developing robust REST/GraphQL APIs, computer vision systems, and IoT integrations. Proven track record of spearheading intelligent test automation to reduce infrastructure costs and collaborating seamlessly across global cross-functional teams to deliver high-impact software solutions.

TECHNICAL SKILLS

- **Languages:** Python, TypeScript, JavaScript, Golang, SQL, Bash/ShellScript
- **AI & Developer Tools:** Cursor, Claude Code, Antigravity, Model Context Protocol (MCP), Spec-Driven Development (SDD), LLM Skills, Claude Code Plugins, Git, Github
- **Frameworks & Libraries:** Django, Django REST Framework, FastAPI, Flask, React.js, Node.js, Express.js, Vue.js, Next.js, Pytest, Jest
- **Cloud & DevOps:** Docker, Kubernetes, AWS (EC2, S3), CI/CD pipelines, Buildkite, Apache Airflow, DigitalOcean, Linux, Github Actions
- **Databases & Messaging:** PostgreSQL, MySQL, Redis, RabbitMQ, Celery, PostGIS
- **Architecture & Software Design:** REST APIs, GraphQL, Microservices, Domain-Driven Design (DDD), Model-View-Controller (MVC)

EXPERIENCE

[BairesDev](#) / [Pinterest](#) | San Francisco, CA (Remote)

Senior Backend Engineer | Nov 2023 – Present

**BairesDev is a nearshore partner for software development.*

- Architect and maintain intelligent automation systems to detect and manage slow, flaky, or failing unit and integration tests across iOS, Android, and Web platforms.
- Enhance CI/CD pipeline stability and reduce infrastructure costs by engineering automated systems that auto-silence problematic tests, notify owners, and safely unsilence them upon resolution.
- Developed a full-stack internal web application to monitor and track test health and results, engineering new API endpoints and features using

Express.js and TypeScript on the backend, paired with a React.js frontend.

- Partner directly with product teams to debug complex blocked builds, review test PRs, and evolve quality-gate enforcement to catch regressions without hindering developer velocity.
- At BairesDev, spearhead technical interviews for global engineering talent across Python, Java, and Elixir, conducting rigorous assessments on backend architecture, big data, and performance standards.

[SpringParrot](#) / [The Quick Company](#) | Delhi, India (Remote)

Software Engineer | May 2023 – Nov 2023 (6 months)

**SpringParrot is a nearshore partner for software development.*

- Developed and enhanced complex REST and GraphQL API integrations connecting major e-commerce platforms (Etsy, Clover, Square) with Shopify for a global user base.
- Optimized the Python/Django backend architecture, significantly improving system performance, scalability, and maintainability for high-volume transactions.
- Utilized Docker, Kubernetes, and Redis to ensure reliable deployments and fast data retrieval in distributed environments.

[SpringParrot](#) / [Viddie](#) / [Goldi](#) | Braga, Portugal (Remote)

Software Engineer | May 2021 – May 2023 (2 years)

**SpringParrot is a nearshore partner for software development.*

- Developed scalable services using Next.js, Python and Django for diverse client projects, including an innovative video-based web application and a customized marketplace platform.
- Orchestrated the migration of Kubernetes clusters from Google Cloud Platform to DigitalOcean, managing ongoing infrastructure maintenance with zero downtime.
- Engineered and supported robust REST APIs to seamlessly power [React.js](#) and Vue.js frontends, integrating RabbitMQ and Celery for asynchronous task processing.

[Abaconta](#) | Rio Grande do Sul, Brazil (Remote)

Software Engineer | Jul 2020 – Jul 2022 (2 years)

- Led the end-to-end architecture, development, and deployment of a financial management system and custom payment API using Python and Django.
- Scaled platform infrastructure and optimized database queries to successfully support a 10x expansion in the customer base.

- Built responsive front-end interfaces using HTML5, CSS, JavaScript, and jQuery, while managing deployment pipelines and hosting via Docker and DigitalOcean.

Raptor | Rio Grande do Sul, Brazil (Remote)

Software Engineer | May 2019 – Jul 2020 (1 year and 1 month)

- Designed the system architecture for an IoT device monitoring platform utilizing Python, Django, and Golang.
- Implemented real-time data processing and geospatial tracking features using WebSockets, PostGIS, and GeoDjango.
- Developed intuitive user interfaces with Vue.js and maintained full-stack deployments using Linux, Docker, RabbitMQ, and Celery.

EDUCATION

Federal University of Pampa | Rio Grande do Sul, Brazil

Bachelor's Degree in Computer Science | 2018

- **Capstone Thesis:** Awarded the maximum grade for the final research paper: [OpenVT - Open Vocabulary Tree](#).
 - **Academic Leadership:** Selected as the Academic Monitor for the Data Structures course, mentoring students and supporting foundational computer science coursework.
 - **Societies & Projects:** Active contributor to the Development of Intelligent Mobile Systems (DIMS) Project; the History of Personal Computing Project; and the Astronomy Club.
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