Ricardo Dani

Python Engineer Specialist · AI Engineer & Senior SRE · 39 years old

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Summary

Python engineer specialist with 20+ years of experience, focused on taking AI to production: LLMOps, RAG and AI agents running on reliable cloud platforms. Senior SRE at Pinterest (via BairesDev) and founder of RILD Software. Open to remote contracts and roles in Brazil. TDD and Scrum as standard practice in every role since 2015.

Skills

AI & LLM: LLMOps, RAG, AI Agents, Evals & guardrails, LangChain
Reliability & Platform: SRE, OpenTelemetry, Grafana, Observability, Incident response, SLOs, Kubernetes, AWS, AWS Lambda, Terraform / OpenTofu
Engineering: Python, Django, JavaScript / TypeScript, Node.js, React, Java, Rust, APIs, Microservices, Geoprocessing / geospatial data, Relational databases
Practices: TDD (unit testing), Scrum, CI/CD, Code review

Experience

Senior Site Reliability Engineer (Contractor via BairesDev) — Pinterest

Jun 2025 – Present · Remote

- Built LLM- and RAG-powered AI augmentation for SRE and DevOps workflows, grounding answers in runbooks, incident history and internal docs.
- Integrated AI assistance into observability tooling to speed up incident triage, log/metric analysis and root-cause investigation.
- Operated and improved reliability of large-scale web infrastructure: on-call, incident response, postmortems and SLO-driven work.
- Automated operational toil with Python tooling across Kubernetes and AWS environments.

Software Architect (Founder) — RILD Software

Aug 2017 – Present · Belo Horizonte · Remote

- Software architecture and development for client projects, from early freelance Python work to ongoing engagements under RILD Software.
- Lead projects end to end: scoping, architecture, delivery and client communication.
- Design and build Python backends, APIs and AWS cloud infrastructure.
- Ship high-quality products on schedule with lean project management.

Staff Software Engineer — Syngenta Digital Brasil

Jan 2023 – Feb 2025 · Belo Horizonte · Hybrid

- Technical lead of the core team behind the Cropwise digital agriculture platform, owning backend, DevOps and frontend work.
- Built and maintained Python APIs for agronomic operations (Cropwise Agro Operations), including performance testing and CI/CD pipelines on CircleCI.
- Brought geospatial and agronomic research algorithms into production with Python: crop-cycle history identification, weed regression models and other geoprocessing workloads.
- Designed and ran services on Kubernetes and AWS Lambda, backed by relational databases (AWS RDS), with observability and monitoring for production reliability.
- Main stack Python and JavaScript/React, also working with Java and Rust; mentored engineers and set engineering standards.

Staff Software Developer — AlayaCare
Dec 2021 – Jan 2023 · Remote

- Technical lead of the backend team responsible for core APIs in the AlayaCare home-care platform ecosystem.
- Designed and evolved Python/Django services and REST APIs (Python as main language, also Java), with SQL databases and performance tuning.
- Ran workloads on AWS and Kubernetes, with CI/CD and observability for production reliability.
- Collaborated with Angular/JavaScript frontend teams and mentored backend engineers on code quality and best practices.

Python Senior Engineer — Cornershop by Uber
Sep 2021 – Jan 2022 · Remote

- Senior Python engineer on the grocery delivery platform, building and maintaining backend services and APIs.
- Worked with Python, Kubernetes, relational databases and JavaScript in a high-traffic, fast-moving e-commerce environment.
- Contributed to production reliability with observability, testing and CI/CD best practices.

Python Senior Engineer — Juntos Somos Mais
Jan 2021 – Oct 2021 · São Paulo · Remote

- Senior Python engineer on the B2B marketplace for construction materials, in a microservices architecture with hexagonal (ports and adapters) design on Kubernetes.
- Built and maintained Python and JavaScript services backed by relational databases.
- Designed product recommendation algorithms powered by full-text search engines, improving how retailers find and order products.

Python Senior Engineer — Avenue Code
Jul 2020 – Jan 2021 · Belo Horizonte

- Outsourced senior Python engineering for Juntos Somos Mais.

Web Software Developer — Imaginie
Jun 2019 – Jul 2020 · Belo Horizonte

- Built education products with Python and JavaScript for students preparing for ENEM, Brazil's national university entrance exam.
- Developed a live online essay-correction platform connecting students and reviewers in real time.
- Created essay-topic directories and other content features that helped students practice and improve their writing.

Python Developer — Olist
Jul 2018 – Jun 2019 · Curitiba

- Full-stack Python developer on the product catalog team of Olist, one of Brazil's largest marketplace integrators.
- Built and maintained services within a microservices architecture, keeping catalog data consistent across sales channels.
- Worked across backend and frontend to evolve catalog features used by thousands of sellers.

Software Engineer — eShares, Inc. (now Carta)
Sep 2016 – Mar 2018 · Rio de Janeiro · Silicon Valley

- Python engineer on the equity-management platform, first remotely, then on-site in Silicon Valley.

Education

Computer Science — Universidade Federal de Ouro Preto (UFOP) (2009 – 2012)
Technical degree in Computer Science — Cotemig (2002 – 2004)

Languages

Portuguese (native) · English (professional)

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