



GERALDO ANDRADE

PROFILE

Strategic Senior Software Engineer and technical leader with 16+ years of building enterprise-scale systems and guiding engineering excellence. Specialized in cloud architecture, infrastructure automation, and transforming monolithic applications into resilient micro-services. Combines deep technical expertise in backend development with proven ability to mentor teams and drive organizational growth.

EXPERIENCE

Senior Software Engineer; Frankfurt, Germany — 07/2023-current

DE-CIX

Back-end software engineer focused on Python, Kubernetes, Postgres, Kafka, and Azure. My main contributions are:

- Infrastructure migration from on-premise to Azure Kubernetes
- Implement event-driven architecture using Kafka
- Mentoring working students and teammates
- Improved CI/CD pipelines and development workflows

Senior Software Engineer / Cloud Architect at banbutsu; Berlin, Germany — 01/2021-07/2023

Back-end software engineer focused on Go, Kubernetes, Postgres, GCP, and Azure. My main contributions are:

- Architect and implementation of banbutsu's platform using micro-services architecture
- Standardising CI/CD processes with Gitlab pipelines, containers, and Helm deployments
- Code as infrastructure implementation using Terraform and Ansible
- Infrastructure migration from Azure to GCP (92% cost reduction)
- Mentoring other engineers

Principal Software Engineer at Humanitec; Berlin, Germany — 12/2018-12/2020

Back-end software engineer focused on Python 3, Django, Go, Kubernetes, Postgres, and Google Cloud Platform. My main contributions are:

- Improvement of CI/CD processes with automatic deployments using Helm
- Move from a Python monolith to a Python/Go micro-services architecture
- Improvement of REST API design, documentation and implementation
- Mentoring junior engineers
- Webinars using Humanitec Platform API integrating with Kubernetes in AWS, GCP, and Azure

Team Leader at Catho; São Paulo, Brasil — 03/2018-12/2018

Engineering Team Leader managing 7 developers, focused on team growth, cloud migration, and technical mentorship.

- Led cloud migration from on-premise infrastructure to AWS
- Collaborated with Product Owner and Product Department
- Mentored working students and junior developers
- Technical mentorship across Python, JavaScript, Java, Scrum, and AWS

Senior Software Engineer Specialist at Catho; São Paulo, Brasil — 07/2017-02/2018

Web development specialist focused on legacy modernization and SalesForce integration.

- Designed Node.js middleware API for SalesForce integration
- Initiated Domain-Driven Design sessions for microservices decomposition
- Architecture committee member advocating Golang, Node.js, Python, and AWS

Senior Software Engineer at Predicta; São Paulo, Brasil — 03/2013-06/2017

Back-end engineer at an ad tech company, building high-availability systems handling up to 40K requests/second.

- Built the Data Management Platform (DMP) from the ground up in Java
- Maintained Ad Serving and Tag Manager systems (3K-40K RPS)
- Developed internal campaign management application

CONTACT

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LANGUAGES

English - Fluent

Brazilian Portuguese - Native

SKILLS

- Fast learner, self-taught professional
- Team worker and tech mentor
- Web Engineer and Cloud Architect
- Scrum lover and enthusiast
- Polyglot: PHP, Python, Java, JS, Go
- Automation freak, Git heavy user

EDUCATION

Technician in Electronics

CEFET - Centro Federal de Educação Tecnológica
Maceió, Alagoas, Brasil

1999 - 2003

AWARDS

2018 Catho Hackathon

Won 2 out of 3 prizes:
"Ready for Production" &
"Innovation" categories

1999 - 2003

Lead Developer at Agência Blue; Alagoas, Brasil — 07/2012-03/2013

Full stack developer responsible for Blue Framework built in PHP 5 and the Blue Admin CMS.

Earlier Roles — 2008-2012

Back-end Engineer at Rino, Plus! Agência Digital · Working Student at UFAL (Data Warehouse, Python) · Intern at CEPAL · Entrepreneur at Brasil Terra Sat

REFERENCES

banbutsu - Thomas Driemeyer, Michael Wolters

Humanitec - Dr. Christoph Richter, Chris Stephenson

Catho - Eber Machado, Yara Regina

Predicta - Marcelo Kronberg, Leandro Lages