

WILLIAM MARQUARDT

SENIOR SOFTWARE ENGINEER

PROFILE

Over a decade of experience as a Software Engineer and Architect, I have a strong background in backend development and DevOps, while occasionally contributing to frontend stuff. Strong understanding of the software development process, with expertise in Backend, Infrastructure, Cloud, Databases, and DevOps.

I have a natural inclination for problem-solving and enjoy building practical solutions. I'm passionate about open-source (FOSS), cybersecurity and optimizing software for quality and performance.

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SC. Brazil

WORK EXPERIENCE

Senior Software Engineer II - Tech Lead

Loadsmart - Remote

2022-Present

As a Software Engineer at Loadsmart, I work on financial projects such as the platform for freight audit and payments, designing and implementing new features, maintaining microservices, and resolving issues quickly to ensure system efficiency.

- Significant contributions to the Freight Audit and Payment platform.
- Taking the lead on developing the autonomous invoicing solution.
- Design and architect new features, leading projects from inception to completion.
- Develop and maintain microservices and implement new features in a monolithic project, optimizing code performance.
- Create experimental features to validate workflows, simplifying complex problems.
- Host knowledge transfer (KT) sessions to support team growth.
- Participate and lead cross-team working groups and company-wide initiatives focused on creating and improving internal tools and engineering solutions.
- Lead the team as the tech lead, ensuring successful project delivery.

Main technologies: Python, Django rest framework, Pytest, PostgreSQL, Redis, Terraform, DevOps, AWS, docker, K8s, Celery

Infrastructure Migration Specialist

Navegg (Remote) part-time contract

2021 - 2022

In 2021, I took a hands-on experience, leading and executing the migration of critical services from IBM bare metal/cloud to a new infrastructure. I personally handled the migration of high traffic systems, ensuring zero downtime for platforms that process millions of requests daily.

- Personally executed the zero-downtime migration of mission-critical, high-scale systems.
- Worked cross-functionally with engineering and infrastructure teams to coordinate a smooth and risk-free transition.
- Host KT to engineering team to ensure the maintainability

Main technologies: Linux, FreeBSD, aerospike, mission-critical, IBM bluemix, Cloudflare

Senior Software Engineer - Platform

Globo - Remote

2021-2022

At Globo, the largest media-tech company in Latin America, I contributed to the DB-Dev Team, focusing on developing solutions for database administrators. I played a key role in enhancing the DBaaS platform, an open-source solution for provisioning and managing databases on demand, supporting Redis, MongoDB, and MySQL.

- Define new technologies and architecture for services, enhancing the DBaaS platform.
- Implemented automated database provisioning and deployment in Kubernetes clusters, streamlining operations for DBaaS.
- Replaced Capistrano with Ansible to fully automate service deployments, improving reliability and reducing manual effort.
- Implement new features in a Django application and maintain Flask APIs for integrated systems.
- Migrate the all database infrastructure to Google Cloud Platform (GCP), optimizing cloud integration.
- Created an automatic migration tool to ensure omni-cloud efficiency
- Implement CI for APIs, migrate tests from Travis to GitHub CI, and establish integrations with other platforms.

Main technologies: Python, Django, Flask, Devops, Kubernetes, MongoDB, Go, Cypress, Jenkins, Javascript, Bash, Redis, Celery, GCP, Ansible

Founding Engineer

Trade na Mão - Hybrid (Curitiba, PR)

2020 - 2021

Creating the entire software structure for the company while handling technical assignments and leadership responsibilities.

- Define the architecture and technologies for new services.
- Develop applications using Python and NodeJS
- Implement continuous integration using CircleCI and automate deployment processes.
- Provide technical guidance to the team and act as a SCRUM master.

Main technologies: Python, Django Rest Framework, Node, Cloudflare, WebSocket

Senior Software Engineer

Navegg - On site (Curitiba, PR)

2016-2020

At Navegg, I transitioned from full-stack to back-end development, focusing on infrastructure and security. This role allowed me to enhance my skills in performance optimization, scalability, and maintaining high-quality systems, managing millions of daily requests while implementing new technologies.

- Develop and maintain highly scalable services and applications using Python, JavaScript, and Bash.
- Administer Linux and FreeBSD systems, and configure VPNs, DNS, and firewalls.
- Manage databases such as MySQL, Cassandra, Aerospike, and Redis, including performance tuning.
- Create and maintain automated and integration tests, develop tools for intrusion testing, and analyze and plan for new products.

Main technologies: Python, Django Rest Framework, Cloudflare, Nginx, FreeBSD, Linux, BlueMix, RabbitMQ, Cassandra, Docker, Aerospike, Mysql

Software Engineer / Co-Founder

Canvas Studio - On site (Mafra, SC)

2014- 2016

Co-founded Canvas Studio, a digital solutions company, and successfully joined the Mafratec business incubator.

- Design and develop institutional websites.
- Analyze and develop web software.
- Administer Linux servers.

Main technologies: PHP, MySQL, Wordpress, Javascript, AngularJS, Codeigniter

Software Engineer

Support Informática - On site (Rio Negro, PR)

2010 - 2014

IT Intern

SENAI/SC - On site (Mafra, SC)

2009 - 2010

EDUCATION

Specialization - Cybersecurity

PUC/PR

2021

Associate's degree - System Analysis and Development

UNOPAR

2014 - 2017

Technical certificate - Network and System Administration/Administrator

SENAI / SC

2009 - 2010

COURSES

Emotional Intelligence

Conquer School

2020

Pentest: intrusion techniques in corporate networks

4Linux

2019

Forensic Computer Examiner

Portal Educação

2017

LANGUAGES

Portuguese

Professional Proficiency

English