

ROBSON ALVES

36 years old, married, Brazilian, 1 child

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PROFESSIONAL SUMMARY

I bring extensive experience in DevOps, cloud architecture, and software engineering, demonstrated through this comprehensive career history. I am characterized as persevering, insightful, and positive, with a constant focus on professional growth and success. I work effectively in teams, take responsibility seriously, and continuously seek new challenges and experiences to expand my expertise.

LEVEL OF EDUCATION

Master of Business Administration - Full Cycle - Software Engineering AI Track

Status: In Progress | Expected Completion: December 2026

Bachelor's Degree in Computer Science - Faculdade Uniesp

Completion: December 2011

PROFESSIONAL EXPERIENCE

Prezensa Consultant

Period: March 2024 - Present | Position: DevOps Engineer

Veloe is a company under Alelo/Elopar and a major banking group. My responsibilities at Veloe are diverse and dynamic, supporting multiple teams and leading continuous improvement initiatives. We manage several AWS accounts and multiple EKS clusters, making extensive use of services like SQS, SNS, SES, DynamoDB, and RDS, among others.

In addition to AWS, we also work with Azure and Oracle Cloud Infrastructure (OCI), operating in a self-organized DevOps/SRE team that continuously improves previously delivered solutions to ensure services remain resilient, scalable, and up to date.

My role also includes active involvement in cloud security, addressing vulnerabilities, performing hardening, and implementing best practices to ensure compliance and reliability across our infrastructure.

Tools: *GitLab, Python (Django), ReactJS (Next.js), Docker, docker-compose, WAF, AWS, Azure, OCI*

Vittude (Startup)

Period: March 2020 - March 2024 | Position: DevOps Engineer / SRE / Head of Tech

I joined Vittude to handle specific development team tasks and take ownership of AWS infrastructure and CI/CD processes using GitLab, Docker, and Jira, which I optimized to boost velocity and consistency. I used Python, Shell, and AWS resources to support my work, and collaborated with the team to gather input and automate various activities.

In December 2020, I temporarily assumed the role of Head of Tech. I broadened my perspective to organize and coordinate the team around a single goal: to enhance our final product, vittude.com, as well as the entire tech-dependent process within the company, including the Back Office, Squads, CS/CX teams, and finance. All these processes require additional tools to operate independently, and that became my mission, aiming to achieve the company's OKRs.

When a DDoS attack struck our system, and our company lacked a dedicated security team, I worked to resolve the issue independently. I started by gathering information about the attack and identifying patterns, then implemented traffic splitting via Load Balancer and set up AWS WAF to quickly block malicious requests from around the globe. Finally, I refined the setup to sustain and mitigate all malicious requests.

Tools: *GitLab, Python (Django), ReactJS (Next.js), Docker, docker-compose, WAF, AWS*

TeamIT

Period: March 2019 - February 2020 | Position: Platform Engineer / SRE

TeamIT is a hub company in Portugal, so after admission, I started work at Waitrose company based in the UK, to maintain numerous services and a well-known e-commerce platform with extensive products and services. My job involved working with Jenkins, Ansible, CloudFormation, AWS, and a little of GCP, thousands of services running together, using Node.js, .NET, lambdas in Python, and maintaining a huge platform with numerous logics and structures, where jobs are running with a custom Jenkins, and migrating to use Jenkins Cloud.

After some 10 months, this project was frozen by the client, and I started to work at Anova, a company that develops and handles numerous IoT devices around the world, handling large volumes of data (telemetries) consolidated in a distributed database structure, where the end users could access the real-time data in a unified platform dashboard. Many services are running in the Azure cloud, using AKS, and working together with a data engineer team.

Tools: *Azure DevOps, Python, ReactJS (Next.js), Docker, docker-compose, Kubernetes (AKS), Terraform, Terragrunt*

Webjump

Period: May 2017 - March 2019 | Position: DevOps Engineer

I helped all teams and the company to improve tools and DevOps culture. Using AWS, my first mission was to create tools that automate application deployments, utilizing the AWS SDK for Python or TypeScript, and leveraging infrastructure as code with CloudFormation (Nested Templates). To save time and minimize the 'Scary Deploy Days', we aimed to establish a continuous delivery pipeline.

I worked together with the client who has this product online. I worked directly with clients on products such as: <https://www.parceiroambev.com.br/>, <https://portaldas.parceiroambev.com.br/>, and mobile solutions using React (responsive web): <https://m.parceiroambev.com.br>

My first Kubernetes Cluster was created to provide three distinct environments with an automatic pipeline in Azure DevOps. Today we have a production environment, running our microservices with multiple languages and a cluster autonomous with Traefik, AutoScaler, HPA, Balance, and all telemetry running on NewRelic.

Tools: AWS, EKS, NewRelic, Azure DevOps, Magento, PHP, Node.js, Serverless Framework, Kubernetes

ESX

Period: March 2014 - May 2017 | Position: ALM / DevOps Consultant

My job title at this organization is ALM / DevOps consultant. I went to various clients and provided guidance about the culture and project automation solutions. They have hundreds of microservices written in Java 8, with no observability, tracking requests, or feature traceability.

I assisted them, bringing new routines and creating a new pipeline pattern, showing where the new feature is, and creating some routines for Tests via Postman and other Java tools based on Maven with Azure DevOps. We use Flux for deployments (GitOps) and some tools on Kubernetes to facilitate our work on troubleshooting daily.

Additional tools I used: Kubernetes (Docker containers and EKS), AWS Stack, Jenkins, SonarQube, Maven and Nexus (artifact repository), Dynatrace (full request tracing, message queues), ELK Stack (also used Graylog) for centralized logging, Prometheus with Grafana for infrastructure monitoring, Shell, Python, and TypeScript for automation tasks, React Native pipeline with Fastlane and Crashlytics, Azure DevOps, Flux CD

Microsoft

Period: February 2015 - September 2016 | Position: Cloud Architect Solution (Green badge)

Cloud Solutions Consultant for Microsoft (green badge through partnership with ESX company). I worked with customers to assist them in setting up the new Azure infrastructure they required. Migrations from AWS/Mandic to Azure and PaaS and IaaS infrastructure.

Defining optimal pricing strategies and automated options for deallocating resources to save money. I gathered all the requirements for each customer, designed the solution with diagrams, and then built infrastructure as code using ARM templates and PowerShell to coordinate and organize the process.

Tools: Azure Stacks, PowerShell, Architect Solution, Visio, Azure SDK, Docker

Sofhar

Period: July 2012 - March 2014 | Position: Web Developer Senior

Service provider for Prodesp, the São Paulo State Education Department. I worked in technical leadership while learning Azure Virtual Machines from scratch, web API, scalability, integration with Oracle / SQL Server, migration from Oracle table structure to SQL Server, development of ETL routines with SSIS and C#, planning tasks, automated build inclusion, release management, packages, and git pull requests for the team, SQL server tuning, scrum, and finally continuous delivery with VSTS.

Tools: SQL Azure/OnPremises, SSIS, Web API, Oracle, VSO, GIT

G & P Projects and Solutions

Period: July 2011 - July 2012 | Position: Web Programmer

Service provider for the Prodesp Secretary of the São Paulo State Education. I initially joined projects with critical delivery status and recurrence. I worked on a diploma printing project for the Secretary of Education in the state of São Paulo, with direct contact with stakeholders. Subsequently, I participated in the project, now MVC4 school board, a project from scratch and within the education standards, and delivered on time. I supported other projects, and eventually led the Class Assignment project, the most significant project for the Secretariat.

Tools: ASP.NET MVC4, SQL Server, .NET Framework

Convergência

Period: March 2010 - July 2011 | Position: Senior Web Analyst

Provider on-site service in the Department of Roads. Maintenance reviews and additive legacy systems. Analysis and development of new solutions using .NET framework 3.5/4.0, SQL Databases 2000 to 2008. Analysis, modeling, and development of the database used in the systems.

Tools: .NET Framework 3.5/4.0, SQL Server 2000-2008, Classic ASP, VB 6, Flex

Principia Software

Period: January 2009 - March 2010 | Position: Analyst / Programmer

Service Provider in a cell in the Department of Roads. Analysis and development of new solutions using .NET 3.5 and SQL Server 2005. Development of architecture in 3 layers, decoupling the business, and promoting better class reuse.

Tools: .NET 3.5, SQL Server 2005, 3-tier architecture

Senior Solution

Period: June 2008 - January 2009 | Position: Analyst / Programmer

Service providers in the enterprise and customers related to pension and insurance life. Development focused on private pension schemes and life insurance. Using SSIS to interconnect legacy systems for many companies, MetLife, a key customer, I worked on the lucky numbers management system.

Tools: SSIS, .NET, pension management systems

Sofhar Gestão & Tecnologia

Period: October 2007 - May 2008 | Position: Analyst / Programmer

Service Provider in the Department of Roads. Maintenance systems in production, performed corrective maintenance and enhancements to deployed systems, and maintained direct contact with users to implement changes while delivering the updated user manual. I created system documentation and analyzed systems using UML within the company's internal methodology.

Tools: .NET, SQL Server, UML, documentation tools

ADDITIONAL ACTIVITIES

Active participation in technology forums and mailing lists. I authored articles for DevMedia and NetCoders communities (in Portuguese). I continuously follow development and technology trends.

GitHub: <https://github.com/robsonalves?tab=repositories>