ROBSON ALVES

36 years old, married, Brazilian, 1 child.

Address: Rua Francisco Lamas, 55 CEP: 08780790

Mobile Phone: +5511950405840

Skype: robsonalves.net

Email: robson.infoo@gmail.com

Level of Education

Graduate Higher Education – Faculdade Uniesp – Computer Science
Conclusion: 12/2011

Professional Experience

Veloe
Period: 03/2024 - Current
Position: DevOps Engineer

Veloe is a company under the Alelo 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, 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.

TeamIT
Period: 10/2022 - 02/2024
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 a lot of services and famous e-commerce with a lot of products and services, My job was work with Jenkins, and Ansible, Cloudformation, AWS, and a little of GCP, thousand of services running together, using NodeJs, .net, lambdas in python, and maintaining a huge platform with a lot of logics and structures over there, 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 in Anova,

a company that develops and handles a lot of IoTs around the world, handling a huge bunch of data (telemetries) consolidated in a distributed database structure, where the end users could access those real-time data in a unified platform dashboard. A lot of services are running in the Azure cloud, using AKS, and working together with a data engineer team. The platform holds a structure on Azure Cloud, using Azure DevOps, Terraform (terragrunt), and a lot of inherited jobs

Tools: Azure Devops, Python, ReactJs (Next Build), Docker, docker-compose, WAF, Assessment, Manager.

Vittude (Startup)
Period: 03/2019 - Current
Position: DevOps Engineer / SRE / Head of Tech

I started at Vittude to split specific dev team tasks and own control of AWS infrastructure and the CI/CD procedures using Gitlab, Docker, and Jira, which I improved to increase velocity and consistency. So I used Python, Shell, and AWS resources to work in front of it, and with the team, I collected input and automated some activities.

In December 2020, I assumed (temporarily) the role of Head of Tech. I expanded my vision to organize and coordinate the team around a single goal: to improve our final product, **vittude.com**, as well as the entire process that relies on technology within a company, such as the Back Office, Squads, CS/CX teams, and financial. All of these processes require more tools to work independently, and that is my mission, aiming to respond directly to the OKRs defined.

When a DDOS attack hit our system, and our company didn't have a dedicated security team, I worked alone to solve the problem, first gathering information about the attack and identifying the patterns, then splitting some traffic via Loadbalancer and creating the AWS WAF to quickly start a lot of blocking from all over the world, and finally refining it to hold up all these fake requests.

Tools: Gitlab, Python (Django), ReactJs (Next Build), Docker, docker-compose, WAF, Assessment, Manager.

Webjump
Period: 05/2017 - 03/2019
Position: DevOps Engineer

We are helping all teams and the company to improve tools and DevOps culture.

Using AWS, my first mission was to create some tools, creating an automation setting for application deployments, using AWS SDK for Python or Typescript, and infrastructure as

code with Cloudformation (Nested Templates). To save time and minimize the "Scary Deploy Day", we're looking to get a continuous delivery pipeline.

I'm working together with the client who has this product online:

https://www.parceiroambev.com.br/.

I'm helping to improve these tech stacks, now using containers with Fargate/ECS, lambdas, cloud formation, CloudFront, load balancers, storage, RDS, DocumentDB, and others.

Working on other strands of the same product, like:
https://portalas.parceiroambev.com.br/
and mobile solutions using React (responsive web)
https://m.parceiroambev.com.br

React Native pipeline.

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, AutoScaller, HPA, Balance, and all telemetry running on NewRelic.

Tools:
AWS, EKS, NewRelic, Azure DevOps, Magento, PHP, NodeJs, Serverless

ESX
Period: 03/2014 - 05/2017
Position: ALM / DevOps Consultant

My job title at this organization is ALM / DevOps consultant. I went to various clients and gave them information about the culture and project automation solutions.

They have hundreds of microservices written in Java 8, and none have any observability, tracking requests, or feature traceability.

So I assisted them, bringing some 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 because of the interdependencies between microservices are high. Some tests require passing in other services without mocks.

We use Flux for deployments (GitOps) and some tools on Kubernetes to facilitate our work on troubleshooting daily, weave scope, Kubedash, and ELK.

I worked with Microsoft tools such as Azure DevOps (TFS on-premises). I taught clients how to organize their backlogs and agile frameworks (Scrum, Kanban), continuous integration (with git), continuous deployment (sometimes continuous delivery), and automatic tests with Junit/Xunit/Microsoft test, selenium, or headless tests with PhantomJS. Azure DevOps is a one-stop shop for all your development and operations needs.

I frequently contacted several clients who used cloud computing, AWS, and Azure.

Below, I'll list other tools that I've used:

- Kubernetes (Docker container and EKS)
- AWS Stack
- Jenkins
- SonarQube
- Maven and Nexus (store deploy artifacts)
- Dynatrace (Tracefull request, messages queue)
- ELK (used Graylog Too) to centralize logs
- Prometheus with Grafana (management) to analyze hardware throttling
- Shell, Python, and Typescript (for automation tasks)
- React native pipeline with Fastlane and crashlytics to deliver mobile app
- Azure DevOps
- Flux CD
- Dynatrace
- Postman

Microsoft
Period: 02/2015 until 09/2016
Position: Cloud Architect Solution (Green badge)

Consultant for Microsoft (green badge from Partnership with ESX company).
I started with the job at Azure Architect Solutions.

I stayed with customers and assisted them in setting up the new Azure infrastructure they required.
Migrations from AWS/Mandick to Azure and PaaS and IaaS infrastructure.
Defining the optimal price and automated options for deallocating hardware to save money.

I gathered all the requirements for each customer, designed the solution with diagrams, and then constructed infrastructure as code using ARM templates and PowerShell to coordinate and organize the process.

Tools: Azure Stacks, PowerShell, Architect Solution, Visio to perform diagrams, Azure SDK, Docker.

Sofhar
Period: 07/2012 until 03/2014
Position: Web Developer Senior
Service provider for Prodesp, the São Paulo State Education Department.

Working in technical leadership and 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: 07/2011 until 07/2012
Position: Web Programmer
Service provider for the Prodesp Secretary of the São Paulo State Education.

Initially joined projects with a critical status of delivery and recurrence. Originally, in a diploma printing project for the Secretary of Education in the state of São Paulo, with direct contact with stakeholders. Then participated in the project, now MVC4 school board, a project from scratch and within the education standards, and delivered on time, supported other projects, and then entered most of the Secretariat project, the Class Assignmen,t becoming the leader of the project

Convergência
Período: 03/2010 until 07/2011
Cargo: Senior Web Analyst
Provider onsite 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.
Functional requirements survey and nonfunctional requirements
Contact with users and customers.
Maintenance of legacy in classic ASP, VB 6, flex.

Principia Software
Period: 01/2009 until 03/2010
Position: Analyst / Programmer
Service Provider in a cell in place at the Department of roads

Maintenance reviews and Additive legacy systems
Analysis and development of new solutions using Dot Net 3.5 and the framework database SQL Server 2005.
Analysis, modeling, and development of the database used in the systems.
Development of architecture in 3 layers, decoupling the business, and generating more excellent reuse classes.

Senior Solution
Períod: 06/2008 until 01/2009
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 in this other branch.
Using SSIS to interconnect legacy systems for many companies, the customer Metlife, for the capitalization lucky numbers management system.
FUVUP project participation allocated in BrasilPrev, simulation system for corporate pension plans.

Sofhar Gestão & Tecnologia
Período: 10/2007 until 05/2008
Positions: Analyst / Programmer

Service Provider in the Department of roads

Maintenance systems in production, perform corrective maintenance and add to already deployed systems, and contact the users to enter the changes while delivering the updated user manual.
Making the system documentation, analyzing the system, so it was made system

documentation using UML within the internal methodology company.

Analyze and develop systems for new users, meeting the request, and on top of business rules, to develop a complete product for full product delivery to the team of systems maintenance.

Courses in progress

Python advanced
Kubernetes Certificate

AWS Associate Certification
Jenkins Certified

Additional activities

Participation in forums and mailing lists about technologies.
I wrote articles for the public at DevMedia and NetCoders frequently, Portuguese posts only.
Follow the scenario of development and technology evolution, day by day.
My GitHub: https://github.com/robsonalves?tab=repositories

Considerations

I search for this to show my experiences and present them briefly.
Qualifies me as persevering, insightful, and positivist, always with prospects for professional growth and success, with ease of teamwork, and responsibility close to my qualifications. They were currently seeking better marketing and new experiences.