

# Jeferson Rocha

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## PROFESSIONAL EXPERIENCE

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**Senior DevOps/Azure DevOps** July 2025 — Current

ZEISS, Lisbon/Portugal

- **Performance:** Re-engineered legacy pipelines with PowerShell 7 parallelism, reducing processing time by ~37% on-premise and up to 88% in high-performance environments.
- **Cloud & Containers:** Led migration of .NET solutions to Azure Function Apps using Docker and Container Registry.
- **Azure DevOps:** Managed Azure DevOps environment, creating CI/CD pipelines

**Senior DevOps IoT Engineer/Data Engineer** April 2023 – July 2025

Capgemini, Fundão, Castelo Branco/Portugal

- **IoT & Edge Computing:** Deployed and supported **Azure IoT Edge** and on-premises IoT solutions for a major European Energy industry player, managing complex configurations in hybrid environments.
- **Infrastructure as Code (IaC) & Automation:** Automated infrastructure provisioning using **Terraform** and **Ansible**, while managing containerized environments with **Docker**, **Docker Compose**, and **Swarm**.
- **CI/CD & Repository Management:** Developed and maintained robust **CI/CD pipelines** using **Jenkins**, integrating **Nexus Repository** and **Git** for streamlined delivery workflows.
- **Machine Learning & Development:** Developed a computer vision solution using **Python** and **FastAPI** to automate license plate recognition (OCR) and string conversion.
- **Systems & Networking:** Working with **Linux** environments, including proxy configuration, caching strategies, and technical documentation for architecture recommendations.
- **Talent & People Management:** Technical interview and seniority evaluation.

**Systems Engineering Coordinator - Cloud Operations** September 2022 – April 2023

**Cloud Engineer Leader (Cloud and On-Premises)** December 2020 – September 2022

SKF Group, São Paulo, São Paulo/Brazil

- **Cost Optimization:** Achieved \$170k USD in AWS savings within the first year, reaching a total of \$300k USD in cloud cost reduction through architectural enhancements.
- **Service Level Excellence:** Improved SLA from 34% to 92% by implementing Agile methodologies (Scrum/Kanban), process mapping, and clear scope definition.
- **Operational Management:** Managed cloud migrations, cybersecurity incidents, and disaster recovery plans, ensuring business continuity and risk mitigation for global stakeholders.
- **Agile Transformation:** Acted as a facilitator for Scrum ceremonies, defining "Ready" and "Done" criteria to align expectations between Operations, Customers, and Business.
- **Talent & People Management:** Responsible for hiring, performance evaluations, and career development; reduced turnover by implementing a feedback culture and individual learning paths.
- **Contract & Budget:** Managed vendor contracts and operational budgets, ensuring talent retention and efficient resource allocation.

## Senior Support Engineer

**AVEVA**, São Paulo, São Paulo/Brazil August 2014 – December 2020

- **Automation & Scripting:** Developed PowerShell scripts for automated software deployment and virtual machine management, reducing manual intervention in global environments.
- **Infrastructure Management:** Managed Microsoft Endpoint Configuration Manager (SCCM) and Hyper-V for worldwide teams, overseeing OS deployments and application lifecycle management.
- **Regional IT Operations:** Led technical aspects of office migrations across Latin America, managing IT service contracts and coordinating with Project Managers.
- **Systems Administration:** Provided Tier 3 support for Office 365, VPN, and Windows Server infrastructure, ensuring 24/7 availability for multi-country operations.

## EDUCATION

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**FIA Business School**, São Paulo/Brazil

March 2021 - October 2022

Master of Business Administration, New Technologies, Digital Transformation and Agility

**UNOPAR**, Rio de Janeiro/Brazil

January 2013 – December 2016

Systems Analysis and Development, Development

**Certifications:** Azure AZ-900 | Scrum Fundamentals Professional Certification (SFPC).

**Performance recognition:** Honored to be formally recognized for my contribution to the Buenos Aires office migration project — a challenging international project where I worked closely with both local and global teams.

## LANGUAGES

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English: Fluent – Portuguese: Native – Spanish: Intermediate – French: Basic

## PROJECTS

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**Java API CI:** <https://github.com/tecjeferson/demo-api-ci-java>

- *Java API project to demonstrate my knowledge with CI pipeline using Java, Maven, Shell Script, Swagger and Docker.*

**Mental Health Condition by Work Location (Github: [Mental Health Condition by Work Location](#))**

- *Dataset analyzes the impact of remote and hybrid work on mental health in South America.*
- *I used pandas to handle the dataset, streamlit to create the page/report and matplotlib for the charts.*

**Transformation with IaC AWS CDK with AWS Glue (Github: [Transformation with IaC AWS CDK with AWS Glue](#))**

- *Transform to UPPER objects names in S3*
- *Using AWS Cloud Development Kit as an infrastructure as a code.*
- *Using AWS Lambda and Glue to transform and move data.*

**Image Sharing with Terraform, React, Cognito and Lambda (Github: [Image Sharing with Terraform, React, Cognito and Lambda](#))**

- *React/NextJs handle the image list view and upload once the user validate the login by AWS Cognito, once the user upload React will send the file to S3 and after that lambda function will be triggered*

## CAMPUS & VOLUNTEER INVOLVEMENT

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**Organization where you volunteered**, Rio de Janeiro/Brazil

September 2005 – December 2005

**Computer Teacher**, Decide institute

- . An incredible experience teaching people how to use computers and surf on the web, impacting young and old low-income people, it was in 2005 when in Brazil most people didn't have internet access and computer.*

### **TECHNICAL SKILLS & TOOLS**

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*Azure, AWS Cloud, AWS cloud development kit, cloudformation, terraform, Docker, Swarm, Ansible, Git, Jenkins, CI/CD, Windows Server, Linux, IoT, IoT Hub, Thingsboard, Python, Powershell, SQL, Proxy, HAProxy, Nginx, Jira, Scrum, Kanban, Virtualization, Hyper-v.*