

# FERNANDO SAINOVICH

## SENIOR DEVOPS, CLOUD & SYSTEM ENGINEER

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### PROFESSIONAL SUMMARY

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Senior Cloud, DevOps and System Engineer with over 20 years of experience. Highly skilled in designing, implementing, and managing scalable, secure, and high-availability systems across on-premise and cloud environments. Being a self-motivated person and a fast learner had as a result, a long and successful career with solid expertise in on-premises, Cloud, CI/CD pipelines, Infrastructure as Code, container orchestration, and other important technologies. Currently, making magic happen every day at Disney Signature Experiences (DSE) and proudly supporting business branches such as Disney Vacation Club (DVC) and Disney Cruise Line (DCL). Where my principal role as a Systems Engineer happens behind the scenes, supporting the backend infrastructure and systems to provide the best experience for the guests when they book a cruise or an experience at Adventures by Disney.

### EXPERIENCE

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Oct/2024 - CURRENT

#### **System Engineer**

The Walt Disney Company - Celebration, FL – USA

At the DSE these are some of the tools and the technologies our team uses to make our guests' experience Magical:

- Amazon Web Services (AWS): IAM, VPC, S3, EFS, EC2, ASG, ELB, APPSTREAM2.0, ECS, ECR, CW, Kinesis, Route53.
- Containers and Orchestration: Rancher and Kubernetes (the challenge to run Kubernetes in a floating Data Center – aka: inside a Cruise Ship).
- Source Control Management (SCM): GitHub and GitLab.
- Infrastructure as a Code (IaC): Terraform and Atlantis.
- Configuration management: Ansible and AWX.
- CI/CD: Jenkins, Rundeck, GitLab CI.
- Windows and Linux servers.

Aug/2008 – Jul/2024

#### **Senior Infra, Sysadmin, Cloud and Devops Engineer**

Companhia Catarinense de Águas e Saneamento - Florianópolis – Brazil

Implemented Compute, Storage, Networking, Backup, Security, Cloud and DevOps solutions to solve problems and keep the perfect work of the infrastructure of a 24/7/365 operation of an enterprise company with a turnover of approximately US\$ 310 million per year, present in over 190 cities and 2.8 million consumers.

- Managed the infrastructure on-premises (VMWARE) and Multi-Cloud (AWS, Azure and GCP) using tools like Terraform, Ansible and scripting (Bash, PowerShell and Python), increasing the availability of the systems and services.

- Developed deployments using Linux, GitLab, Jenkins, Nexus, SonarQube, Keycloak, Apache, Nginx, Traefik, Docker, Kubernetes, ARGOCD, Security Protocols (TLS, SSL, HTTPS) and more in a successful effort to modernize the systems and the services.
- Made 3 Data Center migrations with over 400 virtual machines and 3 Firewall migrations (Linux IPTABLES -> CISCO ASA -> PALO ALTO -> FORTINET), defining and managing rules for the Firewall, IPS, IDS and WAF services. Each migration was an evolution compared to the previous solution, bringing greater efficiency, availability and security to the company's operation.

Jun/2005 – Jul/2008

### **Computer Technician**

Câmara Municipal de Criciúma - Criciúma – Brazil

- Created a pioneer digital citizenship base for an over 180k people city. It provided opportunity of equality in an evolving environment with free internet access for people at a time when it was expensive and inaccessible for many people in Brazil.
- Responsible for all the IT sector of the City Chamber.

Nov/2000 – Jul/2008

### **Support Analyst**

Unimed Criciúma - Criciúma – Brazil

- Developed from zero the whole infrastructure and technology for a Clinical Analysis Laboratory and a Hospital in a total of 3 buildings and with over 500 employees. One of the biggest challenges of my career. Provided all the infrastructure support and management necessary for the Health Plan company operation efficiency to guarantee a remarkable service to the consumers.

## **EDUCATION**

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2014 – 2015

### **SPECIALIZATION - TECHNOLOGIES FOR WEB APPS**

Universidade Norte do Paraná – UNOPAR

2000 – 2004

### **BACHELOR OF SCIENCE - COMPUTER SCIENCE**

Universidade do Extremo Sul Catarinense – UNESC

## **SKILLS**

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- CI/CD Pipeline Development
- TCP/IP Stack and Protocols
- Infrastructure as Code (Terraform, Ansible)
- Container Orchestration (Kubernetes, Docker)
- Cloud Management (AWS)
- Scripting (Python, Bash, PowerShell)
- Virtualization (VMWARE)
- Troubleshooting
- Infrastructure automation
- System engineering
- Monitoring and logging
- Systems analysis

## SOFT SKILLS

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- Teamwork
- Time management
- Problem-solving
- Flexibility
- Work Ethic

## CERTIFICATIONS

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- AWS DEVOPS ENGINEER PROFESSIONAL
- AWS SYSOPS ADMINISTRATOR ASSOCIATE
- AWS SOLUTIONS ARCHITECT ASSOCIATE
- TERRAFORM ASSOCIATE HCTAO-003
- CERTIFIED KUBERNETES ADMINISTRATOR
- GCP ASSOCIATE CLOUD ENGINEER
- AZURE FUNDAMENTALS AZ-900
- AWS CLOUD PRACTITIONER

## WEBSITES, PORTFOLIOS, PROFILES

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- [linkedin.com/in/fernandosainovich](https://www.linkedin.com/in/fernandosainovich)
- [github.com/fsainovich](https://github.com/fsainovich)

## AWARDS & ACHIEVEMENTS

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- REWARD MEDAL AND CERTIFICATE OF HONOR OF MERIT - OUTSTANDING STUDENT - BRAZILIAN COMPUTER SOCIETY.

## LANGUAGES

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- Portuguese – Native.
- English – Professional Working.