André Barbosa de Amaral

Senior IT Infrastructure Engineer (Cloud / OnPrem)

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Summary

IT professional with over three decades of experience specializing in scalable infrastructure, automation, and cloud solutions. Focus on open-source technologies and AI-powered engineering to enhance infrastructure design and DevOps workflows.

Core Expertise: Cloud & IaC, Virtualization/Containers, Monitoring & AI Integration

Experience

Eurofins | Senior Cloud/OnPrem Architect / Engineer
May 2022 - Present | Catalonia, Spain

- Manage infrastructure across AWS, Azure, and On-Premises environments
- Drive automation using Terraform, Docker, Kubernetes, Rancher, and Azure DevOps
- Lead cloud migration projects and optimize cloud architecture
- Assess legacy applications for cloud migration feasibility

Enreach | Senior Infrastructure Engineer / Migration Specialist
March 2020 - May 2022 | Greater Barcelona Metropolitan Area

- Architected automated, scalable infrastructure across hybrid environments
- Served as Senior Platform Engineer for acquisitions, migrating legacy systems
- Implemented Infrastructure as Code using CloudFormation and CI/CD pipelines
- Partnered with development teams to provision and optimize infrastructure

PageGroup | Global Core Platform Delivery Engineer
April 2019 - February 2020 | Barcelona Area, Spain

- Designed and implemented barebone server migrations to Azure and AWS
- Deployed corporate Windows 10 image to 16,000+ notebooks worldwide using SCCM
- Managed Citrix XenApp, Office 365, VMware, and Linux/Windows servers

- Focused on automation, optimization, and security across environments

ANCERT (@Necsia Consulting) | Senior System Engineer
February 2019 - April 2019 | Sant Cugat Area, Spain

- Level 3 support for 3,500+ servers across Spanish notary offices
- Deployed updates and packages using Microsoft SCCM 2012
- Monitoring with Nagios/Grafana and Hyper-V virtualization

Cuatrecasas (@Necsia Consulting) | Senior System Engineer
November 2018 - February 2019 | Barcelona, Spain

- Assisted L1/L2 support teams with new technologies
- Supported transition from Exchange 2010 to Office 365 and Azure Cloud

Amaris (Boehringer Ingelheim) | Senior Systems Engineer
June 2016 - November 2018 | Barcelona Area, Spain

- Maintained communications infrastructure (Active Directory, MS Exchange, Lync, VoIP)
- Part of MS Exchange migration to Office 365 task force
- PowerShell scripting for automation

Nextel Engineering Systems | Systems and Network Engineer
September 2014 - June 2016 | Barcelona Area, Spain

Projects:

- **Institut Català d'Oncologia**: Infrastructure improvements, Zabbix monitoring, VMware upgrades, Exchange migration
- **Lacer**: Ticketing tool upgrade with Windows Servers, SQL Server, VMware
- **Lincoln Electric**: Microsoft Bitlocker deployment across EMEAR region

Previous Roles:

- Grup Sertec, S.L. | Systems and Network Engineer (Virtualization) | Apr 2013-Aug 2014
- Atos Origin Major Events | VMware Infrastructure Administrator | Sep 2011-Mar 2013
- Colt Technology Services | Pre-Sales IT Architect Engineer | Jan 2011-Aug 2011
- innoconsys S.L. | Deputy IT Director | Jun 2010-Sep 2010
- SELLBYTEL Group Spain | 3rd Level System Administrator | Jan 2006-Jun 2010

Education

University of Virginia
Information Technology, Computer/Information Technology Administration and Management
2001 - 2003

Nova Asociación Brasileira de Enseñanza en Brasil

Bachelor's Degree in Accounting Sciences

1989 - 1992

Skills

Cloud: AWS, Azure, Terraform, CloudFormation, Office 365

Virtualization: VMware, Hyper-V, Docker, Kubernetes, Rancher

Automation: PowerShell, Python, Azure DevOps, CI/CD pipelines

Monitoring: Grafana, Prometheus, Zabbix, Nagios

Infrastructure: Active Directory, Exchange, SCCM, Linux/Windows Servers

Languages

English (Native or Bilingual)

Spanish (Native or Bilingual)

Portuguese (Native or Bilingual)

Catalan (Limited Working)

Italian (Limited Working)

Certifications

Microsoft Certified: Azure Fundamentals AZ-104