

# Fernando Laranjeira de Almeida

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## SUMMARY OF QUALIFICATIONS

- Over 15 years of experience in activities related to the area of infrastructure, telecom and digital transformation with extensive knowledge of different operating system platforms, such as Windows Server and Linux. Experience in analyzing, planning and implementing network infrastructure working with different types of switches layers 2 and 3 by CISCO and HPE.
- Strong background architecting solutions to AWS, Azure IaaS, PaaS and SaaS and Private Cloud Providers with an extensive experience migrating physical infrastructures to Cloud environments for large organizations, providing High-Availability and fault-tolerance for infrastructure and applications.
- Wide experience in infrastructure as code using Terraform for deployments of full environments as well as App deployment, configuration management and orchestration using Ansible.
- Proven skills in working with multidisciplinary teams to develop new projects, track schedules and support to the involved areas.
- Recognized as a High Performance Talent contests and awarded with the following certifications: HPE - Applying Aruba Switching Fundamentals for Mobility - Architecting Microsoft Azure Solutions - MCSA Windows 10 - MCTS - Windows Server 2008 Technology Specialist, Intensive English Course in Australia, Linux Essentials, MCSA 2008 - Microsoft Certification System Administrator, MCP 2003 - Microsoft Certification Professional, CCNA - Cisco Certified Network Associate.

## PROFESSIONAL EXPERIENCE

### Senior Technical Specialist – Cloud Engineer

BMO Financial Group, Toronto, Canada.

Jun/2019 – Current

Canadian Multinational – Financial Segment

- Assisting with the design and implementation of an enterprise Hybrid Cloud capability.
- Configuration of foundational AWS and Azure cloud services, and continuously assessment and integration of emerging cloud features.
- Develop APIs and Webhooks for multi-directional integration of cloud orchestration platform with enterprise system management and DevOps Tools and cloud platforms.
- Lead the assessment of advanced and emerging cloud and infrastructure capabilities and services to optimize the Bank's seamless Hybrid cloud experience, application cloud migration, and system management integration.
- Develop and maintain secure application deployment patterns on the cloud; review application solution designs for cloud-fit and optimality; and automate deployment patterns for reusability.
- Work closely with line of business (LOB) developers as a lead Cloud Consultant to collaborate on the design and deployment of proof-of-concept and pilot business use cases and develop patterns.
- Manage the enterprise cloud sandbox environment usage and ensure best practices in its usage.

- Coordinate with Enterprise teams to identify and develop Cloud Management tools and practices and automate cloud operations and compliance tasks.
- Ensure that all cloud solutions adhere to enterprise cloud security and compliance controls
- Lead the implementation of Azure Virtual Desktop while automating the entire solution based on DevOps best practices.
- Assist in documentation of the architecture and solution design of cloud platforms, cloud practices, connectivity and deployment patterns.
- Contribute to implementation of a software defined datacenter for in-house cloud capabilities
- Work in close collaboration with Engineering, DevOps and CIO teams to develop Service Catalogues and templates to continuously enhance the capability, security and user experience of the enterprise Hybrid cloud Platform.

### **HPE Cloud Solutions Architect**

Duologik Solutions, Toronto, Canada.

Jun/2018 – Jun/2019

Canadian National – DRaaS and Cloud Infrastructure Service Provider Segment

- Architecting and designing solutions for Public Cloud Providers such as **Azure** and **AWS**.
- Architecting, designing and building of Private Cloud infrastructure from scratch being responsible to define the entire physical infrastructure providing BOM and implementing the suggested solution while setting up the environment with a mindset for high-availability, fault-tolerance and high-security.
- Working alongside with manufactures engineering team to design the best solution based on the customer's requirements.
- Design workflow for Cloud capacity management, resource utilization as well as performance.
- Assembly, maintenance and installation of servers.
- Responsible for design and implement disaster recovery plan and solutions from on-premises to Public or Private Clouds.
- Responsible for designing, implementing and delivering the first HPE Nimble Cloud Volumes in Canada, providing a private storage adjacent to Public Cloud guaranteeing data residency encrypting data at rest.
- Ability in creating Runbooks and Webhooks to automate the scale-out and scale-in or scale-up and scale-down operations based on the instances usage.
- Responsible for creating blueprints using the **Ansible** and **Terraform** for reusable infrastructures.
- Extensive knowledge of different operating system platforms, such as Windows Server and Linux
- Perform daily system monitoring, verifying the integrity and availability of all hardware, server's resources, systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
- Automate operational tasks such as server and application monitoring, configuration changes, additions and deployments using **Infrastructure as Code (IaC)**.
- Agile development practices, such as SCRUM methodology and Jira.
- Provide assistance to the developer team for any cloud infrastructure related deployments and work towards the DevOps practice of merging the infrastructure automation with the application deployment.
- Knowledge working with GitHub and Bitbucket.
- Support Public and Private cloud infrastructures.
- Provide 3rd Level Support for customers.

- Responsible for a cloud strategy for the current and future cloud infrastructure
- Experience working with Private Cloud platforms such as CloudStack.
- Strong experience migrating physical infrastructures to Cloud infrastructures.
- Strong experience planning and migrating from Hosted Exchange to Office 365

### **Cloud Architect**

iVedha Inc., Toronto, Canada.

Sep/2016 – Jun/2018

Canadian National – Cloud Infrastructure Service Provider Segment

- Assembly, maintenance and installation of servers
- Know-how and expertise in solving problems Network Administration
- Administration, installation and maintenance of Microsoft Windows Servers and Linux Servers.
- Implementing, Managing & Maintaining a Microsoft Windows 2012 R2, 2012, 2008 and 2003 Network Infra & Services (DHCP, WINS, IIS, DNS, AD, GPO, DFS, SOE, WDS, etc.)
- Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
- Automate operational tasks like server and application monitoring, configuration changes, additions and deployments.
- Provide assistance to the developer team for any cloud infrastructure related deployments and work towards the DevOps practice of merging the infrastructure automation with the application deployment.
- Support the current private cloud infrastructure.
- Provide 3rd Level Support for iVedha's customers.
- Be a part of a cloud-first strategy to the current and future infrastructure by collaborating, contributing to iVedha's continuous cloud journey.
- Experience working with Private Cloud platforms such as OpenStack and CloudStack.
- Experience architecting and designing solutions in Public Cloud Providers such as **Azure** and **AWS**.
- Strong experience migrating physical infrastructures to Cloud infrastructures.

### **Senior Infrastructure Analyst (Remotely)**

SPRING Global, São Paulo, Brazil.

Apr/2016 – Nov/2016

Large Brazilian Multinational – Mobility Segment

- Assembly, maintenance and installation of servers
- Hardware configuration, repair servers' problems and preventive maintenance on servers
- Administration, installation and maintenance of Microsoft Windows Server 2012 R2, Microsoft Windows Server 2012, Microsoft Windows Server 2008 and Microsoft Windows Server 2003 all editions.
- Implementing, Managing & Maintaining a Microsoft Windows 2012 R2, 2012, 2008 and 2003 Network Infra & Services (DHCP, WINS, IIS, DNS, AD, GPO, DFS, SOE, WDS, etc.)
- Manage two data centers in the USA.
- Implementing, Managing and Maintaining of a Cloud Data Center in **Azure** and **AWS**.
- Administration of Microsoft SQL Server 2014 and previous all of them in Cluster

- Getting used on large infrastructures, managing and maintaining storage, clustering and load balancer servers in two data centers.
- Managing and Maintaining of a Zabbix Server.
- Know-how and expertise in solving problems Network Administration

### **Senior Network Administrator**

AFIP – Associação Fundo de Incentivo à Pesquisa, São Paulo, Brazil

Jan/2012 – Oct/2015

Large-size National - Health Segment

- Responsible for the final product of the company
- Actively participate in projects and new products launches, aiming at standardization and optimization technology and reduction of costs.
- Co-working with a team, I work directly with leading technologies and I manage an Internal Data Center (Internal NOC) and an External Data Center (External NOC)
- Assembling, maintenance and installation of servers.
- Administration of the following operational systems (OS): Windows Server 2012 / R2 Standard, Enterprise and Web Edition, Windows Server 2008 / R2 Standard and Enterprise Edition, Windows Server 2003 Web, Standard, Enterprise e Datacenter Edition.
- Installation, implementation, management and maintenance of Microsoft Windows Server 2003, 2008 and 2012 Network & Infra and Services (DHCP, FTP, WINS, IIS, DNS, AD, GPO, DFS, SOE, WDS, etc.)
- Management and maintenance of Microsoft SharePoint Server 2013.
- Knowledge in Microsoft SQL Server 2000, 2005, 2008 and 2012.
- Administration of storages and Blades Dell (PS6000 and PS-M4110) and HP (X9000 and 3Par).
- Administration of Microsoft Exchange Server 2007, 2010 and 2013.
- Administration of over than 41 Domain Controllers replicating in a star topology and all of them monitored by UltraSound software.
- Administration and maintenance of File Servers, Print Servers, WSUS Servers, Office Communications Server 2007 R2 and Certification Authority.
- Administration and maintenance of Backup Exec e ArcServer.
- Maintenance and management of information into a Zabbix Server.
- Administration of Microsoft System Center Configuration Manager 2007 and 2012.
- Migration of Microsoft System Center Configuration Manager 2007 to Microsoft System Center Configuration Manager 2012.
- Assisting security and telecom staffs in management of Switches Core (Layer3) HP 7506E model.
- Assisting security staff in the administration, management and generation of reports from ArcSight tool.
- Creation of VLANs, static and dynamic routes, configuration of OSPF protocol.
- Knowledge of switches layers 2 and 3 by CISCO and HP companies.
- Knowledge of routing protocols such as OSPF, BGP, EIGRP, IBGP, RIP and RIPv2.
- Know-how and expertise in solving problems about network administration.
- Administration and maintenance of VMWare technology.
- Knowledge of Hyper V technology.

## **Network Administrator**

SPRING Global, São Paulo, Brazil.

Sep/2010 – Dez/2011

Large Brazilian Multinational – Mobility Segment

- Reporting to the Technology Manager, I was responsible for the company's final product.
- Actively participated in projects and new products launched, aiming at standardization and optimization technology and reduction of costs.
- I worked directly with leading technologies and with a team I managed three data centers around the world, Russia, USA, Brazil (External NOC).
- Managing an Internal Data Center (Internal NOC).
- Assembling, maintenance and installation of servers.
- Administration of the following operational systems (OS): Windows Server 2003 Web Edition, Standard Edition, Enterprise Edition e Datacenter Edition e Windows Server 2008 Standard e Enterprise Edition.
- Installation, implementation, management and maintenance of Microsoft Windows Server 2003 and 2008 Network & Infra and Services (DHCP, WINS, IIS, DNS, AD, GPO, DFS, SOE, WDS, etc.).
- Administration of Microsoft SQL Server 2000, 2005 e 2008 all Clustered.
- Experience in large structures, storage, cluster and load balance servers in three data centers.
- Migration from Exchange to Google Apps.
- Know-how and expertise in solving problems about network administration.
- Knowledge of Hyper V and VMWare

## **EDUCATION**

### **Graduated in Computer Networks**

FIAP - College of Informatics and Management Paulista, São Paulo, Brazil

2014

### **General English**

Kaplan Aspect International Colleges – Perth, Australia

2010

## **FURTHER TRAINING**

- Software One  
Workshop: **Azure** Everywhere May/2016
- University of Illinois at Urbana-Champaign  
EAD Course: Cloud Networking Dec/2015
- 4Biosacademy – São Paulo – Brazil  
Course: Certification CISCO CCNA R&S (200-120) Jun/2015
- Hewlett-Packard (HP) - Barueri – Brazil  
Course: HL048SB.00 - iMC Essentials for Network Administrators Mar/2014
- FIAP - São Paulo – Brazil  
Course: CCNA - Service Provider: Creating Backbones MPLS. Jan/2014
- Hewlett-Packard (HP) - Barueri - Brazil Dec/2013

- Course: HK644 - HP LAN Switching Installation and Administration
- BFBiz – São Paulo – Brazil Jul/2013
  - Course: 10747 – Administering System Center Configuration Manager 2012
  - Course: 10748 – Deploying System Center Configuration Manager 2012
- GCSecurity – São Paulo – Brazil Jun/2013
  - Course: Training of ArcSight ESM Operations.
- Ká Solution – São Paulo – Brazil Oct/2010
  - Course: 6425 – Configuring and Troubleshooting Windows Server 2008 Active Directory Domain Services
  - Course: 6426 – Configuring and Troubleshooting Identity and Access in Windows Server 2008 Active Directory
- Kaplan Aspect International Colleges – Perth, Australia Aug/2010
  - Course: General English
- 4Linux Treinamentos – São Paulo, Brazil Aug/2009
  - Course: Linux Essentials 450 II
- 4Linux Treinamentos – São Paulo, Brazil Jun/2009
  - Course: Linux Essentials 450 I
- Green Treinamento – São Paulo, Brazil Dec/2009
  - Course: Certification Microsoft Certified Systems Administrator (MCSA)
- Green Treinamento – São Paulo, Brazil May/2008
  - Course: Certification Microsoft Certified Professional (MCP)
- Green Treinamento – São Paulo, Brazil Aug/2007
  - Course: Managing a MS Windows Server 2003 Environment
- BEM Emergências Médicas – São Paulo, Brazil Mar/2007
  - Course: Supervisor Training
- Senac de Ciência e Tecnologia – São Paulo, Brazil Nov/2005
  - Course: Certification Cisco CCNA

## CERTIFICATIONS

- HPE6-A41 - Aruba Certified Switching Associate (ACSA) V1
- HPE2-E69 - Selling HPE Hybrid IT, Intelligent Edge, and Services
- G156-7000 - Architecting Microsoft **Azure** Solutions
- G059-6421 - MCSA Windows 10
- G058-0166 - MCPS: Microsoft Certified Professional
- University of Illinois at Urbana-Champaign - Cloud Networking
- D442-1960 - MCTS: Windows Server 2008 Active Directory, Configuration
- D442-9054 - MCTS: Windows Server 2008 Network Infrastructure, Configuration
- B503-0926 - MCSA1: Windows Server 2003
- B503-0919 - MCPS: Microsoft Certified Professional