Victor Fondevilla

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Experience

June 2022 - Currently **Mitek Systems - Principal Cloud Engineer**

- EU Cloud Engineering leadership & mentorship

- Keep working as an Individual Contributor in strategic projects

- Designed the new platforms with new paradigms moving the team towards a Platform Engineering role

- Designed the new Infrastructure as Code framework, used through all the CloudOps team

- Helped reducing the cloud costs designing a cost-controlling framework

- Recognized as "Top Performer" for the second consecutive year

September 2020 - June 2022 **Mitek Systems - Senior Cloud Engineer**

Working as a Senior Cloud Engineer in the Global Cloud Engineering team, where my duties includes:

- EU Cloud Engineering technical leadership & mentorship

- Design, implement and give support to all the Cloud platforms based on AWS platform operating in a shared responsibility model with Development

- Coach the development teams on how to use AWS, how to architect a cloud native application and doing all of this while keeping a secure environment.

- Work as a an Individual Contributor in the projects deemed strategic by the Director of Global Cloud Engineering, owning the solution end to end.

Most important accomplishments so far:

- Recognised as "Top Performer" with multiple awards from my peers and promoted to EU Cloud Engineering Technical Lead

- In my first 2 months, I led the implementation of AutoScaling functionality in the production platforms running in ECS, improving availability, reliability and scalability of the product

- In my 3rd month while working with a new development team, I helped them successfully design and implement a new production application running exclusively in Lambda, API Gateway and DynamoDB, effectively setting the first *serverless* application pattern inside Mitek which is currently used as boilerplate for the new *serverless* applications

- Since my 4th month I'm member of the Architecture Group, helping to define the future of the technical environments of Mitek

- Started the MLOps practice

- Designed, demonstrated and helped implementing an state of the art Kubernetes platform running with a GitOps paradigm for the future platforms

- Deployed an ephemeral-autoscalable CI solution running Github Actions on Kubernetes, supporting thousands of runs through the whole org

Main technologies (included but not limited to):

AWS: EC2, ECS, EKS, Sagemaker, DynamoDB, Lambda, CloudFront, CloudFormation

Infrastructure as Code: Terraform, Cloudformation, Packer, Ansible

CI and Git Systems: Jenkins, Github Enterprise, AWS CodeBuild, AWS CodePipeline

September 2019 - September 2020 **XpertAI - Chief Cloud Architect & DevOps Lead**

Working as Chief Cloud Architect for XpertAI, managing the whole AWS and ancillary services ecosystem for a multi-million MAU mobile application running in a 24x7 fashion with various non-typical functional requirements.

My main functions include (but not limited to):

- Network, Infrastructure, Service design and implementation as a technical lead from the Infrastructure side

- Infrastructure & Operations team lead managing a full remote team of 5 members in 3 different countries and timezones

- Operate as 3rd tier in case of severity 1 incidents (at the same level as the CTO and Backend engineering manager)

- Internal consultant for everything cloud or infrastructure related

Most important accomplishments in 11 months:

- Created a whole Infrastructure as Code framework, effectively migrating a snowflake infrastructure to a highly automated and repeatable one. Current situation includes 80% of the current infrastructure.

- Reduced the Mean Time Between Incidents from 3 days to 3 weeks

- Implemented a Blameless Culture including not only my team but the whole organisation, this enabled us for high performance incident remediation

- Mitigated all single points of failure of multiple systems present on the Production environment with minimal downtime

Main technologies (included but not limited to):

AWS: EC2, ECS, ECR, EKS, Transit Gateway, Secrets Manager, ALB, NLB, Global Accelerator, ElastiCache, DocumentDB, RDS Aurora, RDS MySQL, CloudFront

Infrastructure as Code: Terraform, Packer, Ansible

CI and Git Systems: Gitlab CI, AWS CodeBuild, AWS CodePipeline, AWS CodeCommit

January 2017 - September 2019 ***T-Systems -- AWS Engineer & Platform Architect***

- Lead AWS engineer & architect

- Lead architect for Private Cloud technologies (OpenStack, Neutron, Ceph, VMware vSphere, NSX-T, NSX-v, VSAN) and Public Cloud (AWS, Open Telekom Cloud)

- Cloud Evangelist. Internal and customer workshops on Cloud and DevOps technologies like Terraform, Ansible, Packer, Kubernetes, Traefik, OpenStack and AWS.

- Public, Private and Hybrid cloud pre-sales support

- Research and development for the Engineering team toolset.

Most important projects:

- Q3 2018 designing the T-Systems AWS Managed Service practice, including formation planning and partner agreements.

- Disaster Recovery as a Service service design and definition

- Cross customer service vCloud platform redesign

- Ministry virtual infrastructure rearchitecting

- Out of AWS to DC migration planning for a football club

- Hybrid Cloud solution for a Ministry

- CI/CD pipelines implementation using DevOps processes for provisioning and management inside T-Systems services

- AWS .Net platform redesign for a soccer club

November 2015 -- December 2016 **Sopra Steria - Systems Architect & Consultant**

May 2015 - November 2015 **Presence Technology - Cloud Architect**

August 2014 -- May 2015 **Claranet SAU -- Service and Solution Architect**

March 2012 -- September 2014 **Claranet SAU -- Solution Engineer**

August 2010 - August 2011 **Alisys Software -- SysAdmin**

September 2009 - August 2010 **Seresco -- Helpdesk / SysAdmin**

March 2009 - June 2009 **Grupo Intermark -- SysAdmin internship**

March 2007 - October 2008 **idealista.com -- Helpdesk / Técnico de segundo nivel**

Technical Skills

Architect level:

- Amazon Web Services

- VMware vSphere

- VMware NSX-v/NSX-T

- RedHat OpenStack Platform

Advanced Administration

- Automation (Ansible, Terraform, Packer)

- Infrastructure CI/CD

- Gitlab

- Kubernetes

- Networking

- Scripting (Bash, Powershell)

- Web servers (Apache, Nginx, IIS)

- Cache engines (Redis, Memcached)

- Virtual infrastructure Backup solutions (Veeam Backup&Replication)

- Active Directory (2003, 2008, 2012, 2012R2)

- Databases (SQL Server, MySQL)

- On-premise & hybrid Exchange 2007, 2010, 2013

- Loadbalancers (F5 Big-IP, Array Networks)

Studies and certifications

Currently working in:

- Learning Golang

- Certified Kubernetes Administrator

September 2021

- AWS Solution Architect Professional

October 2020

- AWS DevOps Professional

June 2019

- DevOps Engineering on AWS course

December 2018

- CL310 RedHat OpenStack Administration III course

March 2018

- CL110 RedHat OpenStack Administration I course

- CL210 RedHat OpenStack Administration II course

Before September 2017

- VMware Certified Professional 6 - Network Virtualization (VCP6-NV)

- AWS Certified Solution Architect Associate certification

- VMware Sales Professional - Cloud Provider

- VMware Operations Professional - Cloud Provider

- AWS Business Professional

- AWS Technical Professional

- AWS TCO and Cloud Economics

- Hacking & Hardening in GNU/Linux

- VMware Certificate Professional 5 (VCP 5 - DCV)

- VMware VCP 510 FastTrack

- Microsoft Official Course 10135: Configuring, Managing and Troubleshooting Microsoft Exchange Server 2010

- F5 Official Course: Configuring BIG-IP LTM v11

- Advanced Security Course (CSIA) Barcelona University

- Higher Technical Certificate in IT Systems Management