NIL SALVAT

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PROFILE

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Results-driven Cloud engineer with 5 years of experience in designing, deploying, and managing cloud infrastructure.

Highly skilled and certified in multi-vendors Cloud technologies (AWS, Azure), with expertise in configuring and maintaning CI/CD pipepines using tools such as Azure DevOps, Gitlab.

Security enthusiast, I would define myself as a versatile person, always with a growth mindset both professionally and personally.

EXPERIENCE

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January 2020 – September 2020   Junior consultant

                                         Deloitte Consulting, Barcelona

Specific Work (every bullet is a different project):

→ **Cloud infrastructure administration on Azure, including AAD (Azure Active Directory), virtual servers, databases and services of the company.**
→ **Full virtual servers, software and databases (SQL Server) migration from Azure to on-prem.**
→ **Current infrastructure maintenance and enhancements using IaC (Terraform).**
→ **Full workloads migration, databases (MySQL & ElasticSearch), servers, network and AD (Active Directory) from on-prem to Azure. The workloads included Docker and Python as base application developing and multiple Azure services such as Logic and Function Apps, Container Instances.**

Key Achievements:

→ **Design and migrate on-prem workloads to Cloud and viceversa, within estimated dates.**
→ **Work closely with all the stakeholders of the client companies to understand key concepts of their workloads and providing them Cloud knowledge, guidance and support.**

September 2020 – September 2021   Junior consultant

                                        Deloitte Cyber, Barcelona

Specific Work (every bullet is a different project):

- → **Automating and developing custom integrations with Python and Azure Cloud stack. Focusing on Security Orchestration Automation Response (SOAR): integrating and automating several cybersecurity tools and SIEM platforms to meet client SOC and Incident Response needs. Working with Azure DevOps for CI/CD and following an agile (SCRUM) methodology.**
- → **Code & services migration to Cloud serverless services (Lambda, Azure Functions, Azure Logic Apps / Power Automate).**

Key Achievements:

- → **Implemented CI/CD pipelines for automated deployment of applications.**
- → **Helped to reduce code complexity, reliability and security by using Cloud services.**

September 2021 – October 2023   Consultant

                                        Deloitte Consulting, Barcelona

Specific Work (every bullet is a different project):

- → **Maintenance and improvements of the platform and applications of the company.**
- → **Azure FinOps with Cloudability. Azure governance and compliance using policies, blueprints.**
- → **Member of level 2 operations team, taking care of all AWS and Azure accounts and resources. Security operations and automations such as servers patching.**
- → **Cloud Operations level 2. Solving incidents, managing change requests within Azure & AWS, using ServiceNow.**

Key Achievements:

- → **Leading & instructing junior consultants.**
- → **Leading Cloud formations in the firm, designing a specific formation path to build strong skills in Cloud technologies.**
- → **Reduced Cloud infrastructure and services costs within Azure.**
- → **Cloud operations and governance in AWS, Azure.**

February 2024 – Present   Senior Cloud & DevOps Consultant

Ernst & Young (EY), Madrid

Specific Work:

→ **Architected and built a robust platform in AWS using modern DevOps technologies and infrastructure as code, such as Github actions for CI/CD pipelines, Terraform for deploying infrastructure, Kubernetes (EKS) and Grafana/Prometheus for monitoring.**
→ **Hyperledger Besu blockchain has been deployed to increase reliability and transparency of the data. Back-end and front-end services have been also deployed inside EKS clusters.**

Key Achievements:

→ **Identify Cloud services and solutions based on customer requirements.**
→ **Provide Cloud infrastructure costs for each environment and service.**
→ **Integrate Blockchain technology with today's most used DevOps techonologies.**

PRIOR / ADDITIONAL EXPERIENCE

June 2018 - January 2019   Entry level

Venca, Vilanova i la Geltrú, Barcelona

→ IT Helpdesk
→ On-premises servers monitoring & alerting
→ Develop improvements for the ticketing platform of the company with PHP

KEY SKILLS

→ Python development: Develop integrations between Cloud services and other IT platforms, REST API's, serverless programming.
→ Scripting development: PowerShell, Bash.
→ Cloud infrastructure: Width knowledge of main two CSP (AWS & Azure) in terms of services configuration, networking, monitoring & maintenance.
→ Cloud cost management: Deep knowledge of best practices, reserved instances and billing aspects.
→ Cloud storage and databases: Experience working with relational & non-relational databases such as MySQL, SQL server, CosmosDB, DynamoDB in both developer and administration terms.
→ Cloud automation: Power Automate on Azure, Logic Apps, AWS Systems manager and Azure Automation.
→ Cloud security: RBAC roles, permissions, data encryption, secrets and credentials management and monitoring / alerting.
→ IT security: Basic knowledge of SOAR, SIEM platforms (IBM SOAR Platform, Splunk, ArcSight).
→ Application containerization: Docker and basic Kubernetes knowledge.
→ DevOps & IaC: Azure DevOps, CI/CD pipelines, Terraform, GitLab, AWS CloudFormation.
→ AGILE methodologies: SCRUM.

EDUCATION & CERTIFICATIONS

2014 First Certificate in English (FCE)

2019 Bachelor's degree in Informatics Engineering (Technical University of Catalonia, Barcelona)

2020 Microsoft Azure Administrator - Associate

2022 Microsoft Azure Security Engineer - Associate

2022 Microsoft Azure Solutions Architect - Expert

2022 HashiCorp Terraform - Associate

2022 AWS Certified Solutions Architect - Associate

2022 AWS Certified Developer – Associate

2023 Microsoft Identity and Access Administrator – Associate

2024 Certified Kubernetes Administrator (CKA) (In Progress)