Sadjy SADJAN

SENIOR CLOUD INFRASTRUCTURE ENGINEER / DEVOPS ENGINEER

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Spent 9 years developing the skills to increase reliability, and performance of infrastructures. Hands-on expertise with Cloud Infrastructure platforms and Infrastructure-as-code, helping organizations instill infrastructure for the modern age.

EXPERIENCE

Ancillabs
Now

FOUNDER & LEAD CONSULTANT

- Provide expert DevOps and MLOps consulting services, helping clients enhance operational efficiency, reduce manual processes and implement scalable solutions.

Star Atlas
Dec. 2021 – Feb. 2024

PRINCIPAL INFRASTRUCTURE ENGINEER

- Initiated and conducted the entire migration to infrastructure-as-code (Terraform).
- Built up CI/CD environment - dynamic agents, automated deployments, staged workflows.
- Improved Cloud services performance and reliability.
- Managed relationships with various RPC providers (coordinated updates)
- Migrated Hashicorp Vault environment to Cloud.
- Tightened security and user access management throughout multiple layers of the environments.
- Managed the Infrastructure team.

IOTA Foundation
Jul. 2018 – Nov. 2021

SYSOPS/SECOPS ENGINEER

- Rewrote the entire Ansible directory; Wrote 10+ new Ansible roles for broader automated configuration management.
- Actively participated in CI environment migration from Jenkins to Buildkite, and from Buildkite to Github Actions.
- Improved CI/CD lifecycle by implementing automated deployments (Ansible runs), ephemeral CI agents and security.
- Collaborated with IOTA core developers and management to ensure reliable operation of systems and provided support to Crypto exchanges.
- Designed and performed server and security audits, system backup procedures, and other recovery processes.
- Designed, deployed and maintained a data store cluster (scylla-db).

Amaris
Oct. 2016 – May. 2018

NETWORK AND SYSTEM ADMINISTRATOR

- T1, T2 and T3 support on LAN and WAN related issues,
- Multi-site worldwide Network infrastructure administration and operation,

- Data Center firewalls administration,
- Large-scale project management.

CAPFI 6eme Sens
Sep. 2015 – Sep. 2016

NETWORK AND SECURITY CONSULTANT

Mission - STET, La Défense (Paris):
 - Defensive network security in a production environment,
 - High-end support (T2 and T3) on a State classified vital importance infrastructure,
 - Thorough project management on critical Networking datacenter,
 - Technical and structured documentation redactions.

Tata Consultancy Services
Mar. 2015 – Aug. 2015

SYSTEM AND NETWORK INTEGRATOR (internship)

DevOps for a Java development team:

 - Web and application server migration management and deployment,
 - LSS on multiple development subsystems,
 - Technical and educational redactions on these integration tasks and projects.

SWIFT integration – consulting:

 - T1 and T2 support on a SWIFT infrastructure,
 - Installation, update, back-up and migration management of SWIFT technologies.

TLV Studios
Jun. 2014 – Oct. 2014

IT OPERATOR (internship)

 - Installation, configuration and perimeter probing for Wi-Fi access points,
 - T1, T2 and T3 technical IT support on Digital Signage systems,
 - Bash scripting and Linux systems configurations,
 - Customer relationship management.

Technical:	
– Unix (Kali, Debian, Arch) – Networking – **GCP**, AWS, Microsoft Azure – **CI/CD** (Buildkite, **Github Actions**) – **HashiCorp Suite** (**Terraform**, **Vault**, Nomad, **Packer**) – **IaC** (**OpenTofu**, Terraform, CloudFormation)	– **Rust** – OWASP Top 10 – Penetration Testing – Offsec – Burp Suite Pro – Metasploit – **Bash** – **Python** – Golang – JavaScript
Languages:	
– French – Native – English – Bilingual	- Creole – Native - Korean – Intermediate

EDUCATION

EFREI Engineering School 2013 – 2015	**NETWORKING & SERVICES, MASTER CYCLE** MASTERS DEGREE / ENGINEERING DEGREE
Baimbridge High School 2010 – 2012	**PREPARATORY SCHOOL IN ADVANCED MATHEMATICS** MPSI/MP

COURSES & Certifications

Deeplearning.ai –Coursera Jun. 2019	**SEQUENCE MODELS** Grade Achieved: 100.0%
Deeplearning.ai –Coursera Jun. 2019	**CONVOLUTIONAL NEURAL NETWORKS** Grade Achieved: 100.0%
Pentester Lab Apr. 2019	**TRAINING LAB** pentesterlab.com/profile/Sadj
Deeplearning.ai –Coursera Jan. 2019	**STRUCTURE MACHINE LEARNING PROJECTS** Grade Achieved: 100.0%
Deeplearning.ai –Coursera Oct. 2018	**IMPROVING DEEP NEURAL NETWORKS: HYPERPARAMETER TUNING, REGULARIZATION AND OPTIMIZATION** Grade Achieved: 100.0%
Deeplearning.ai –Coursera Aug. 2018	**NEURAL NETWORKS AND DEEP LEARNING** Grade Achieved: 100.0%
Offensive Security May. 2018	**CERTIFIED PROFESSIONAL (OSCP)** Penetration Testing with Kali Linux (PWK)
Paul Ekman Group Dec. 2016	**CERTIFICATES OF TRAINING:** Micro Expressions: Expert Level Subtle Expressions: Expert Level

Paul Ekman International Nov. 2016	INTERNATIONAL CERTIFICATE IN EMOTIONAL SKILLS AND COMPETENCIES
	With distinction – Delivered by Success Management

English 2014	TOEIC: LISTENING AND READING
	Score 910/990

HOBBIES AND INTERESTS

Social Engineering	Psychology/Sociology	Penetration Testing	CFD Trading
Dance	Teamplay-oriented video games	Travel	