

SIMON MALAVE

Contact information

simongmalav@gmail.com

+54 9 11 2253-8292

github.com/malav097

Professional training and acquired certificates:

Zabbix Certified Specialist

ICAO Language Proficiency Level 5 - English

Education

Cisco Networking Academy:
Cybersecurity Essentials

Cisco Networking Academy:
NDG Linux Essentials

edX:
Introduction to Computer Science and Programming Using Python

Languages

Spanish
Native

English
Fluent

Technical skills and competences

· Programming languages: Python - Java

· Scripting: Bash scripting

· Version Control: Git

· Web Services: Apache 2

· Cloud services: AWS, GCP, Lambda, RDS , Alexa Skills

· Databases: Elasticsearch , Mysql (Basic), Dynamodb

· CI/CD tools: Ansible, Salt Stack (Basic) ,Logstash and Kibana (Basic)

· OS: Linux, Windows

· Monitoring: Zabbix (Certified)

· Containers: Docker, Kubernetes, Helm

WORK EXPERIENCE

COMPANY NAME	POSITION	DATE FROM TO
FREE DENTAL	**IT TECHNICIAN**	**2011-2013**

Project: Setup the network and IT components of the dental office

Scope of the project: setup and maintaining the network and IT devices of the dental office

Technologies used: Windows OS, Windows domain, HP Printer

Key Responsibilities:Keep the IT infrastructure function properly

Key Achievements: Solid relationship with co-workers and boss, the respect from co-workers and boss, strong IT skill gains and experience, successful setup of the network and IT components of the dental office

Reason for leaving: Higher income from the next Job

COMPANY NAME	POSITION	DATE FROM TO
FLEXIPLAST	**IT TECHNICIAN**	**2013-2015**

Project: Maintain the network and develop security for the IT infrastructure

Scope of the project: Maintain the network and develop security for the IT infrastructure

Technologies used: CISCO Routers, CISCO switches, Windows Computers, Linux Server, Printer

Key Responsibilities: Maintain the network and develop security for the IT infrastructure

Key Achievements: Strong IT skills gain and experience, successful security implementation in the network

Reason for leaving: Needed more free time for private pilot training

COMPANY NAME	POSITION	DATE FROM TO
FREELANCER	**IT TECHNICIAN /SYSADMIN/NETWORK ADMIN/DEVOPS**	**2015-2018**

Project: IPSEC tunnel between Teamcore and Cencosud companies

Scope of the project: Let Cencosud company be able to establish a connection to SFTP Teamcore Server located in AWS

Technologies used: Pfsense, AWS, CISCO ASA, Linux Iptables

Key Responsibilities:Let Cencosud company be able to establish a connection to SFTP Teamcore Server

Key Achievements: Succefully established vpn ipsec tunnel between the two companies using pfsense and CISCO ASA as endpoints

Project: Secure Teamcore AWS infrastructure

Scope of the project: Secure Teamcore AWS infrastructure by implementing proper security groups, organizing into private and public subnets, create a jumphost SSH server, link between Cloudwatch and Cloudtrail to receive alarms every time a instance is created

Technologies used: AWS, Cloudtrail, Cloudwatch, Linux

Key Responsibilities: Secure Teamcore AWS infrastructure

Key Achievements: Solid relationship with client, AWS infrastructure secured

Project: Implement and setup Monitor software in Teamcore AWS infrastructure

Scope of the project: Monitor the Teamcore AWS infrastructure by installing a Zabbix server and installing Zabbix agents in all the AWS instances by using Ansible

Technologies used: Zabbix, Mysql, Apache, Ansible, AWS.

Key Responsibilities: Implement and setup Monitor software in Teamcore AWS infrastructure

Key Achievements: Teamcore AWS infrastructure properly monitored

COMPANY NAME	POSITION	DATE FROM TO
NUBIRAL	**DEVOPS ENGINEER**	**2018 - ACTUAL**

Project: Setup and monitor Elasticsearch Cluster

Scope of the project: Setup and monitor Elasticsearch Cluster (more than 100 nodes) for Clarovideo client using bash scripts for personalised user parameters in Zabbix configuration

Technologies used: Zabbix, Elasticsearch, bash scripting

Key Responsibilities: Setup and monitor Elasticsearch Cluster

Key Achievements: Satisfied client, Elasticsearch cluster running and monitored

Project: Setup and monitor Italferr (Italian Company) office Network

Scope of the project: Setup and monitor Italferr (Italian Company) office Network

Technologies used: Windows OS, NAS, CISCO router, HP Switch, Ubiquiti APs

Key Responsibilities: Setup and monitor Italferr Network

Key Achievements: Satisfied client, the respect from co-workers and boss

Project: Creation of more than 300 Zabbix network graphs

Scope of the project: Automate the creation of Zabbix network graphs through Zabbix API and Bash scripting

Technologies used: Bash Scripting, Zabbix API, Linux, SNMP protocol

Key Responsibilities: Implement a large number of Zabbix Graphs

Key Achievements: Large number of Zabbix Graphs correctly implemented

Project: Monitor Claroconnect Project (cross-platform messaging and Voice over IP Claro service)

Scope of the project: Write Ansible Playbook to install zabbix Agent on more tha 100 SUSE linux Machines

Technologies used: Ansible, Suse Linux, Zabbix

Key Responsibilities: Monitor Claroconnect Project

Key Achievements: Successfully monitor Claroconnect Project

Project: Create a bot using python that calls to phone number when there is an error on a client application

Scope of the project: Develop a bot with Python 3.6 that communicates with pingdom and zabbix APIs and makes phone calls throught twillio platform

Technologies used: Python 3.6, AWS, AWS Lambda, Alexa Sk ills

Key Responsibilities: Write, test and deploy the c ode

Key Achievements: Bot in production with 2 different clients (Navent and Brubank)

Project: Manage Kubernetes infrastructure and CICD pipeline of client FOX.

Scope of the project: Manage Kubernetes infrastructure and CI/CD pipeline of client FOX, using Gitlab, ECR and EKS.

Technologies used: Kubernetes, Nginx ingress, ECR, EKS, Gitlab.

Key Responsibilities: Manage Kubernetes infrastructure and CICD pipeline of client FOX.

Key Achievements: Successful deployments of code in production environments.

PERSONAL PROJECT

Project: Develop a Telegram Bot using Python for personal usage

Scope of the project: Develop a Telegram bot that communicates with different API services and improve personal productivity (Manage personal notes, add calendar events, add reminders, execute shell commands, query weather AP Is)

Technologies used: Python 3.6, Telegram API, Accuweather API, Google Calendar API, Wikipedia API, Linux server, AWS

Key Achievements: Successfully implementation and deployment of the bot in AWS infrastructure