Gabriel Morejón López

Systems Engineer

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Professional Profile

Experienced systems engineer with ease to learn new technologies quickly. During my professional career, I have worked with people with a lot of experience and I have discovered new technologies, I like to experiment with new projects to test my knowledge. AI, Game development, and Open Source enthusiast.

Experience

GRUPOFMO | Project Manager
June 2018 – June 2020 | Portoviejo, Ecuador

➜ Managed the entire infrastructure based on Proxmox as a virtualization solution. We had his virtual servers and containers with different Linux O.S. (AlmaLinux/Ubuntu/CentOS/Fedora)
➜ Managed and installed the OSS Zimbra Collaboration platform.
➜ Managed and installed the Grafana, Chronograf, Telegraf, MQTT tools/platforms for IoT.
➜ Worked with two IoT projects, I did some programming tasks using React, HTML, Arduino.

NATIONAL COMMUNICATIONS CORP. CNT - EP | IT Support Analyst
February 2010 – April 2019 | Portoviejo, Ecuador.

➜ Managed the Regional Support Service Desk - zone 4th, all support tasks were my main responsibility.
➜ Helped in the Migration stage of Dial-Up connections to the corporate fiber network, migrating routers, and switches.
➜ Created plans to improve the support to end-user and the attendance to help-desk tasks.

PRESIDENCY OF THE REPUBLIC OF ECUADOR | IT Advisor
July 2012 – March 2016 | Metropolis

➜ Worked directly with the President of the Republic, I was responsible for advising in technological aspects.
➜ Performed activities to promote Open Source in government offices.
➜ Managed all the IT staff at the government level, I was responsible for the Cabinet meetings with two modalities, virtual and face-to-face.
➜ Used all the technology available to maintain our services, outside and inside the country. Satellite services for connectivity on the Presidential plane, and other services related to technological activities.

POLYTECHNIC AND AGRICULTURAL UNIVERSITY OF MANABÍ | Professor of the Master of Information Technologies
Nov 12, 2020 – Dec 6, 2020 | QoS for High-speed TCP/IP Networks, Portoviejo/Manabí, Ecuador
May 2020 – June 2020 | Telecommunications and Mobile Networks, Portoviejo/Manabí, Ecuador
Feb 15, 2019 – Mar 6, 2019 | QoS for High-speed TCP/IP Networks, Portoviejo - Calceta/Manabí, Ecuador

➜ Professor of QoS for High-speed TCP/IP Networks, 3rd Cohort, Feb 2019.
➜ Professor of Telecommunications and Mobile Networks, 3rd Cohort - virtual, May 2020.
➜ Professor of QoS for High-speed TCP/IP Networks, 2nd Cohort, Feb 2019.

Skills

PROGRAMMING

Capable:
HTML • JavaScript • SQL • R • BASH Scripting

Familiar:
C/C++/C# • Shell • Assembler • AI • Game Dev • IoT

IT INFRASTRUCTURE
Capable:
Linux • Windows • Networking • IoT • Databases

Familiar:
Fedora • Ubuntu • Cisco • Mikrotik • AlmaLinux • CentOS • RedHat • VoIP

LIBRARIES/FRAMEWORKS

React • React-Native • Node.js • Ionic

TOOLS/PLATFORMS

Git • Drupal • Unity3D • Docker • Zimbra • Alfresco • R-Studio • MariaDB • PostgreSQL • MongoDB • Apache • Nginx • MSSQL • Nagios • Cacti • Zabbix • Zenoss • Terraform • Ansible

Education

UNIVERSITY OF THE ARMED FORCES - ESPE
Master's in IT Management Systems
Oct 2015 - Oct 2017 | Sangolquí/Quito, Ecuador
School of Computing
Reg. Num. 1079-2018-1934296

TECHINAL UNIVERSITY OF MANABI - UTM
Bachelor's in Systems Engineering
Apr 2000 - Oct 2006| Portoviejo, Manabi/Ecuador
School of Computing
Reg. Num. : 1009-07-794995

Experience

MINISTRY OF JUSTICE | National IT Director
June 2017 – Dec 2017 | Quito, Ecuador
- → Managed the IT services and staff of the institution at the national level.
- → Worked on the process of migrating desktops and other IT infrastructure with Open Source.

COOPERATIVA 15 DE ABRIL, LTDA. | IT Operator
Oct 2004 – Dec 2007 | Portoviejo, Ecuador

- → Migrated Windows Servers & Oracle to Red Hat Enterprise Linux and Oracle for Linux.
- → Worked with technologies and platforms like Oracle Databases (6i to 9i), PL/SQL, Sun Solaris, Network administration.

Projects

GLOBALGAMEJAM - ECUADOR | Unity3D - C#
2022
- → The Usual Window - Game project for the Global Game Jam.

CROPSENSOR | Arduino/ESP32/C++
2019-2020
- → IoT project to collect data from agricultural areas, mainly banana plantations.

TUNASENSOR | Arduino/ESP32/C++
2019-2020
- → IoT project to collect data on a tuna production process and seek its improvement.

Publication History

MODEL OF TECHNOLOGICAL INNOVATION AND SOCIAL RESPONSIBILITY, USING SOLUTIONS BASED ON FREE SOFTWARE AND THE "RASPBERRY PI" HARDWARE, FOR THE PRODUCTION OF A LOW-COST GENERAL-PURPOSE MASS CONSUMPTION MICROPC" | ESPE, 2017
Morejón López, G.E., Vicerrectorado de Investigación, Innovación y Transferencia de Tecnología.

Professional Involvement & Volunteering

AWANA | SOFTWARE DEVELOPMENT & ENGLISH CAMP | Awana www.awana.io
Software Development & English Camp - 2021-2022

YUBOX CHALLENGE | Yubox Yubox.com ESPOL - i3lab www.i3lab.org
2nd place with IoT CropSensor Project

FREE TECHNOLOGIES COOPERATIVE | Cooplibretec
Member since 2020

WIKIPEDIA ECUADOR, PORTOVIEJO GROUP | Wikipedia
Member since 2018

INTERNET ENGINEERING TASK FORCE - ECUADOR CHAPTER | IETF
Member since 2017

LATIN AMERICAN FREE SOFTWARE INSTALLATION FESTIVAL | FLISOL
From 2005 to 2008

ECUADORIAN FREE SOFTWARE ASSOCIATION | ASLE
Member since 2005

Languages

SPANISH - NATIVE
Native speaking & writing skills

ENGLISH - B1
Improving speaking & writing skills in an EnglishCamp
Awana - www.awana.io

FRENCH - BASIC
EF Alliance Française - Portoviejo - 2010 - Basic Level

Interests

Software & Videogames development, AI, Python, PHP.

Hobbies

Sports (Soccer/Tennis Table). Videogames & my family.