



Alain Alemany Arana

Cloud-Focused Linux System Administrator

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Skills

Network Security
Cloud Architecture
Performance Tuning
Disaster Recovery
Monitoring & Logging
IT User Support
Security & Compliance
Infrastructure & Deployment
Security & Access Management
Web Servers & Optimization
Databases & Backup
Systems Administration
Problem Solving
Containerization

Languages

English

Spanish

Links

[My Website](#)

[LinkedIn](#)

Cloud-focused Linux System Administrator with over 20 years of extensive expertise in network security, cloud architecture, and performance tuning. Proven track record in deploying and managing scalable server infrastructures, ensuring 99.99% uptime, and enhancing security through advanced measures. Excels at optimizing web servers and automating disaster recovery processes, with a keen focus on delivering efficient and secure IT solutions.

Employment history

Linux Sysadmin, Correos de Cuba ————— **Dec 2005 - Oct 2014**

Havana

- Managed Linux servers, enhancing system stability and security across nationwide operations.
- Configured network and VPN for optimal data transmission, improving organizational efficiency.
- Installed and optimized web servers, boosting application responsiveness and security.
- Provided IT support, resolving hardware issues and aiding remote connectivity for staff.
- Implemented strict access controls, safeguarding critical infrastructure and data integrity.

Linux Sysadmin, Joven Club de Computación y Electrónica ————— **Dec 2014 - Nov 2017**

Havana

- Managed Linux servers, enhancing security and performance in telecom environment.
- Configured network components for secure data flow, supporting organizational efficiency.
- Optimized web servers, improving application performance and security.
- Provided IT support, ensuring reliable hardware and connectivity for remote employees.
- Collaborated on system updates and security patches, meeting regulatory demands.

Linux Sysadmin, Fearlex Group ————— **Jan 2015 - Aug 2018**

Miami

- Configured and maintained diverse server environments, enhancing security and performance.
- Led infrastructure setups, supporting dynamic applications with scalable solutions.
- Implemented security measures, ensuring compliance and reducing vulnerabilities.
- Optimized server resources, improving application responsiveness and efficiency.
- Collaborated with clients to troubleshoot issues, delivering maintainable hosting solutions.

Control Desk Analyst, Telcel ————— **Sep 2018 - Apr 2019**

Mexico

- Processed mobile service requests ensuring data integrity and compliance.
- Validated client documentation to support accurate service provisioning.
- Managed user accounts and configurations, enhancing system access control.
- Provided Tier 1 support, resolving internal team issues efficiently.
- Collaborated with technical teams to maintain operational continuity.

Linux Sysadmin, eITOQUE Cuba ————— **Dec 2018 - Jun 2021**

Remote

- Managed server infrastructure, enhancing performance and uptime for a global audience.
- Implemented Docker for consistent deployments, reducing errors and downtime.
- Configured NGINX for secure, efficient traffic handling, improving user experience.
- Strengthened system security, minimizing vulnerabilities and unauthorized access.
- Automated backups, ensuring data integrity and reliable disaster recovery.

Employment history

Linux Sysadmin, El Estornudo Magazine

Feb 2020 - Sep 2023

Remote

- Managed server infrastructure for high-traffic WordPress site, ensuring stability and fast delivery.
- Secured Linux servers by implementing firewall rules and regular OS patching.
- Configured NGINX for secure WordPress traffic, supporting HTTPS and HTTP/2.
- Automated backups for site files and databases, ensuring data safety.
- Optimized PHP-FPM and MySQL for reduced load times and better user experience.

Linux Sysadmin, Periodismo de Barrio

Apr 2016 - Present

Remote

- Deploy and manage Docker-based LEMP stack serving for 20,000-30,000 users, enhancing scalability and efficiency.
- Harden servers with SSH key authentication and firewall rules, reducing security risks.
- Configure NGINX for improved performance and SEO, supporting HTTPS and caching.
- Automate MySQL backups with rsync and cron for reliable disaster recovery.
- Ensure 99.99% uptime through proactive monitoring and server optimization.
- Managed system configurations and updates, ensuring optimal performance and reducing downtime for critical services.

Education

IPE Hermanos Gomez, Havana

Sep 1998 - Jun 2002

Bachelor's Degree Instrumentation Technology

Completed a comprehensive Bachelor's program in Instrumentation Technology, focusing on the design, installation, calibration, and maintenance of automated instrumentation and control systems used in industrial and technological environments. Developed expertise in electronic measurement devices, control theory, and system diagnostics to ensure precision and reliability in monitoring and controlling complex processes.

UCPETP University of Pedagogical Sciences, Havana

Sep 2002 - Jul 2003

Computer Science Certification Program, Information Technology

Completed a structured program focused on foundational and applied areas of computer science. Developed core competencies in programming, operating systems, algorithms, databases, and computer networks. Gained hands-on experience through practical assignments and lab work, applying theoretical knowledge to real-world computing challenges.

Courses

DevOps Fundamentals

May 2021 - Jun 2021

QA North America

CompTIA Security (Exam SY0-501)

Sep 2021 - Nov 2021

Alison

Certified Cloud Practitioner (CLF-C02)

Dec 2024 - Feb 2025

Amazon Web Services