

DANIEL EMMANUEL JÉRÉMIE

Personal information

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Profile

I am a dedicated Linux System Administrator at AM Web Solutions (part of Easyteam), with a BSc in Computer Science from the University of Mauritius. My passion for Linux drives my work, especially as a member of the open-source organization Cyberstorm.mu, where I contribute to various projects.

In addition to my professional pursuits, I enjoy building PCs and exploring the latest computer parts. When I'm not immersed in tech, you can find me playing video games, honing my skills, and learning about cloud computing and DevOps.

Work Experience

LINUX SYSTEM ADMINISTRATOR

AM Web Solutions/ Easyteam | Sept 2021 - Present, Grand Baie

As a Linux System Administrator, I provided Level 2 support while working remotely from Easyteam's data center in France. My role involved close collaboration with teams across France and Mauritius, ensuring seamless operations and effective communication.

Key Responsibilities:

- Managed and monitored approximately 1,500 Linux servers, utilizing tools like top, free, traceroute, netstat, netcat, and df to assess server performance.
- Oversaw server disk space and backup systems, implementing capacity planning and growth projections to optimize resource allocation.
- Handled disk and file system management using LVM and standard disk configurations.
- Installed, configured, and maintained a variety of services, including DNS, DHCP, Apache, Tomcat, SFTP, Java, FTP, Bitdefender, SQL, Nginx, Pbis, SAMBA, NAGIOS, GLPI, PHP, MAIL, NFS, VmTools, Bind, SSL, and JBoss.
- Collaborated with Windows, Networking, and Development teams to troubleshoot and resolve daily technical issues.
- Conducted troubleshooting, patch management (including log4j), and software installations using rpm, yum, and apt for driver and software updates.
- Deployed Linux servers on the vSphere Client, configuring specific software solutions for clients.
- Managed networking tasks on Fortigate, including rule deletions and Virtual IP management.
- Developed shell scripts for automation of tasks such as backups, log collection, and system monitoring.
- Actively participated in daily incident management, resolving user-reported issues and incidents flagged by our monitoring systems.
- Set up and maintained Domain Name System (DNS) servers, including Apache configuration and SSL certificate installations.
- Installed and configured Windows servers as needed.

CONTINUOUS PROFESSIONAL DEVELOPMENT

AIS Hackathon 2019

Mentoring the AIS Hackthon for NTP and NTS as champion with Loganaden Velvindron as part of cyberstorm.mu

IETF Hackathons

Regular IETF participation since IETF 102 till today.

Contributor to TLS 1.3 in nmap and minio.

I worked on inter-operability for Openssl, Boringssl, Wolfssl, Tlsite-ng testing TLS1.3 on each with different handshakes such as full handshakes, resumption, ORTT and HRR.

References

Loganaden Velvindron

, Infrastructure security engineer

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Certification

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