

Sunil Kadam

Email: sunilkadam2727@gmail.com

Contact: +91 9967544596

Professional Summary

Web server engineer with having strong knowledge in managing and optimizing nginx server alongwith automating troubleshooting and monitoring task using shell scripts. Along with enuring effective backup and resource management for data security and server efficiency.

Professional Experience

Allied Digital Pvt Ltd

Client: Vedanta Sterlite

System Engineer

October 2022 - Present

- Administered Nginx web servers, managing configurations to efficiently serve static files and optimize performance for high-traffic applications.
- Implemented and fine-tuned caching strategies, including FastCGI and content caching, to reduce server load and enhance response times.
- Configured access control mechanisms, including IP allowlists and rate limiting in Nginx, to enhance security and prevent unauthorized access.
- Managed static assets using Nginx and integrated AWS S3 for scalable storage and delivery of static files, ensuring high availability and fault tolerance.
- Configured Nginx as a reverse proxy with S3 backends for serving large volumes of static content seamlessly.
- Worked with AWS S3 bucket policies and permissions to securely integrate with Nginx, enhancing content delivery workflows.
- Monitored database performance, addressing slow queries and optimizing resource utilization on mysql replication servers to prevent bottlenecks during heavy requests
- Optimized application performance by monitoring MySQL replication servers to address slow queries and prevent bottlenecks during heavy requests, ensuring seamless integration and efficient request handling through Nginx web servers.
- Diagnosed and resolved issues related to SSL/TLS, caching, and backend database performance to maintain reliable application services

Vertoz Advertising Pvt Ltd

Client: Qualispace Web Service

System Administrator L1

December 2021 - August 2022

- Resolving client issues across cloud, shared, and dedicated servers through ticketing systems, live chat, and on-call support, ensuring minimal downtime and prompt resolution.
- Expertise in email protocols (SMTP, POP, IMAP) and DNS record types (A, MX, TXT).
- Utilize cPanel and Plesk panels for server access, monitoring, and support.

- Manage mailing services for clients including Microsoft, G-suite, and ENTP.
- Perform SSL certificate installations and troubleshoot mail flow issues.

General Technologies

Client: Zero Mass Pvt Ltd

Unix Admin

August 2021 - November 2021

- Provide timely support for physical servers and taking backup weekly with ssh or physical servers and aws ec2 instances with utilities like rsync and scp.
- Utilize Nagios 3.4 Core for monitor service and host uptime. Along with that modifying alerts threshold and notifications settings based on performance metrics like cpu usage memory , disk space and network traffic.
- Regularly applying security patches via package managers like yum and rpm.
- Using logrotate to manage and retain logs efficiently for Tomcat servers and setting up automated log rotation for Tomcat access and error logs.
- Regularly reviewing access rights, and disabling inactive accounts to prevent unauthorized access to sensitive system areas. Securing filesystem and kernel utilities for server hardening.

Voitekk Softsol Pvt Ltd

Client: Kissh Finance Ltd

Linux Support Engineer

December 2019 - January 2021

- Manage user accounts using the Voitekk app.
- Analyze CDR reports and track call records.
- Install and configure Ubuntu on cloud servers.
- Diagnose and resolve desktop application issues and hardware troubleshooting.

Key Technical Skills

- Operating Systems: CentOS, RedHat, Ubuntu.
- Cloud Platform: Amazon Web Services (AWS)
- Scripting: Shell
- Database: mysql

Linux administration

- OS installation and handling boot issues root password resetting alongwith runlevel management.
- Booting unsupported network and storage drivers issue and filesystem corruption issues. Solving kernel panic issues and grub file management in redhat and centos.
- Carrying out patch management , log rotation and os hardening.
- Configuring and resizing partitions with fdisk , parted. Manage LVMs with create, extend and reduce on devices
- Linux networking, including firewall and iptables management, alongwith ssl in Nginx setup for web server security.

Shell scripting

- Skilled in creating scripts for server monitoring, log management, backup automation, and system performance optimization.

- Experience in utilizing cron jobs for scheduled script execution and managing tasks such as file rotations, service restarts, and log analysis.
- Familiar with leveraging bash scripting to interact with system tools like grep, awk, sed, and find for data manipulation and system monitoring.
- Regularly use scripting for troubleshooting, system health checks, and performance optimization on Linux environments.

Mysql database

- Monitored database processes, threads, and connections to ensure efficient resource utilization and optimized performance, addressing slow queries using EXPLAIN and slow query logs.
- Regularly analyzed MySQL performance metrics, including CPU and RAM usage, to mitigate bottlenecks and handle heavy workload requests effectively.
- Performed database backups and restorations using mysqldump, ensuring data integrity and availability, while implementing and maintaining replication setups for high availability.
- Managed MySQL configurations to optimize server performance, including tuning parameters like buffer pool size, thread concurrency, and query cache.

Academic Qualification

- Bachelor of Engineering in Electronics and Telecommunication
Mumbai University, Lokmanya Tilak College of Engineering, 2016
- Diploma in Electronics and Telecommunication MSBTE 2011
- SSC Bansidhar Aggarwal model high school 2006

Personal Information

- D.O.B: 6 October 1990
- Languages Known: English, Hindi, Marathi
- Nationality: Indian
- Residing: Nerul, Navi Mumbai 400706

Declaration

I hereby declare that all the details provided above are true to my knowledge.