



# Giffin Mathew George

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## Profile

Linux System Engineer | Cloud Solutions Specialist | IT Support Engineer

Dedicated and results-driven Linux System Engineer with over 4 years of experience in system administration, cloud solutions, and infrastructure optimization. Proven expertise in designing, managing, and securing AWS multi-region, multi-account environments, implementing high-availability systems, and automating processes using modern DevOps tools. Eager to leverage my technical acumen and problem-solving skills to build scalable, secure, and efficient cloud-based solutions that drive organizational success.

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## Work Experience

01/2021 – 11/2024  
India

Admod Technologies Private Ltd | Junior System Engineer

- Managed and maintained Linux servers, ensuring optimal performance and uptime.
- Configured and secured web servers, DNS servers, and databases, improving system reliability.
- Automated routine tasks such as backups and log rotations using Bash scripts, reducing manual errors.
- Monitored server performance using Nagios, Zabbix, and Prometheus, addressing potential issues proactively.
- Deployed system updates and patches using Yum and APT, ensuring compliance with security standards.
- Designed and implemented scalable infrastructure using AWS services like EC2, S3, IAM, and CloudFormation.
- Configured and maintained Apache, MySQL, and Nginx to meet organizational requirements.
- Developed documentation for system configurations, troubleshooting guides, and disaster recovery procedures.

05/2020 – 01/2021  
India

Hashroot Technology Private Ltd | L1 Server Engineer

- Assisted with basic server setups, including web server installation and hosting panel configuration.
- Conducted daily server health checks, resolving issues related to disk space, memory, and CPU utilization.
- Implemented backup and recovery strategies using tools like rsync and cron jobs, ensuring data integrity.
- Supported secure remote access via SSH, improving operational efficiency for remote teams.
- Monitored server alerts and resolved performance bottlenecks, ensuring 99.9% uptime.

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## Certifications

- Red Hat Certified System Administrator (RHCSA)
- Certification Number: 190-272-039
- AWS Cloud Practitioner (in progress)

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## Core Competencies and Technical Skills

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Linux Administration: Proficient in managing Red Hat and Debian-based operating systems, kernel upgrades, file system management, ACL, and virtualization.

Cloud Infrastructure: Skilled in AWS services including EC2, S3, RDS, IAM, VPC, Route 53, CloudWatch, and CloudFormation.

Automation and DevOps: Expertise in Terraform, Ansible, Jenkins, GitLab CI/CD, Docker, and shell scripting to streamline workflows and improve efficiency.

Web and Database Servers: Advanced knowledge of Apache, Nginx, MySQL, MariaDB, and PostgreSQL for secure and efficient management.

Monitoring and Optimization: Experienced with monitoring tools like Nagios, Zabbix, and Prometheus to ensure system performance and uptime.

Networking and Security: Skilled in configuring firewalls, LDAP, DNS, load balancing, and disaster recovery strategies.

Version Control and Deployment: Proficient in Git, GitHub, and deployment pipelines to manage versions and automate deployments.

Infrastructure as Code (IaC): Strong experience with Terraform and YAML for designing and deploying automated infrastructure solutions.

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## Key Achievements

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- ♦ Implemented a multi-region AWS infrastructure, significantly improving system performance and reducing latency.
- ♦ Automated deployment pipelines using Jenkins and Terraform, accelerating development cycles.
- ♦ Designed and deployed a centralized logging and monitoring system using Prometheus and Grafana, enhancing issue detection and resolution.

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## Education

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B.Tech in Computer Science | St. Thomas College of Engineering and Technology, Chengannur | **Jan 2015 - Aug 2019**

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## Languages Known

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English | Malayalam | Hindi

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## Reference

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Reference upon request.