

# Stephen Sam

## Senior Cloud & DevOps Engineer

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## Professional Summary

Senior Cloud & DevOps Engineer with 6+ years of hands-on experience in cloud platforms (AWS, Azure), Linux systems, and DevOps practices. Proven expertise in managing scalable, high-availability infrastructure, automating deployments, optimizing performance, and leading cross-functional teams in global 24×7 environments.

In addition to engineering, I'm a passionate **content creator** and **technical instructor**, actively sharing knowledge in cloud and DevOps through my blog and YouTube channel. I teach while I learn—demystifying complex infrastructure concepts and empowering others on their cloud journey. Portfolio and videos available at [stephensam.com](http://stephensam.com) and [@stephensam-infra-insights](#).

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## Technical Skills

**Cloud Platforms:** AWS (EC2, S3, RDS, VPC, IAM, Lambda, Route 53), Azure (VMs, Azure DevOps, Functions, App Service, Front Door, Redis, Storage, WAF)

**DevOps & Automation:** Jenkins, Azure DevOps, Docker, GitLab, Terraform, Ansible, Kubernetes

**Servers & OS:** Linux (Ubuntu, CentOS), Windows Server,

**Scripting :** Bash,

**Web Hosting & Servers:** Apache, Nginx, IIS, WHM, cPanel, Plesk, Flussonic

**Monitoring & Logging:** Grafana, CloudWatch Logs, Nagios

**Security:** IAM, Server Hardening, Firewall Config, RCA

**Database:** MySQL, SQL Server, DynamoDB

**Version Control:** Git, GitHub, GitLab, Bitbucket

**Soft Skills:** Team Leadership, Remote Support, Incident Response, Communication

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## **Professional Experience**

### **Grozeo International Pvt Ltd [ Trivandrum | Jul 2022 – July 2025 ]**

#### **Role : Senior Cloud & DevOps Engineer**

- **Managed cloud infrastructure** across AWS and Azure for development, UAT, and production environments, ensuring high availability and scalability.
- **Built and maintained CI/CD pipelines** using **Azure DevOps**, enabling automated deployments and faster release cycles; enforced best practices in versioning, rollback, and change control.
- **Developed full-stack observability solutions** by integrating **Grafana** dashboards with **Amazon CloudWatch** and **Application Insight** improving system visibility and performance tracking.
- **Led cloud migration initiatives**, ensuring minimal downtime and high data integrity during transitions from legacy systems.
- **Implemented global load balancing and web security** using **Azure Front Door** and **Web Application Firewall (WAF)**, enhancing performance and protection.
- **Drove R&D efforts** to evaluate emerging technologies, optimizing infrastructure scalability and operational efficiency.
- **Collaborated cross-functionally with Dev, QA, and Security teams** to ensure seamless DevOps adoption, infrastructure reliability, and compliance with industry standards.
- Designed cloud-native architectures across AWS and Azure using Infrastructure as Code (**Terraform**) and automation frameworks such as **Ansible**.

### **Sherji Technologies Pvt Ltd [ Trivandrum | Mar 2020 – June 2022 ]**

#### **Role : Senior System Administrator**

- **Managed and maintained Linux-based servers** (CentOS, Ubuntu), including **LAMP stacks** and **custom web hosting environments**, ensuring uptime, performance, and security.
- **Administered AWS infrastructure** including EC2, Route 53, and EBS; performed **cloud-to-cloud and on-premise-to-cloud migrations**, including **cPanel server**

**transfers** with minimal downtime.

- **Configured and maintained GitLab-based CI/CD pipelines**, version control integration, and seamless deployment workflows.
- **Supported DevOps operations for web hosting platforms**, managing **WHM/cPanel environments**, DNS configurations, and SSL provisioning for multiple domains.
- **Provisioned and optimized WordPress hosting environments**, including database tuning, plugin management, and performance enhancements on shared and cloud infrastructure.
- **Implemented server hardening, routine patching, and backup strategies**, improving system reliability and disaster recovery readiness.
- **Collaborated with development and support teams** to troubleshoot deployment issues, optimize environments, and ensure rapid incident resolution.

## **IntegralHost** [ Kochi | June 2017 – May 2018 ]

### **Role : Jr.Linux Administrator**

- Delivered L1 support to Clients for VPS and shared hosting environments.
- Assisted with WHM/cPanel troubleshooting, DNS setup, and SSL configurations.
- Performed basic server monitoring, maintenance, and client support tasks.

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## **Key Projects & Achievements**

- **Architected - AIDH Legal Suite**  
**Designed and implemented a robust SaaS infrastructure** for *AIDH Legal Suite* using AWS services (**EC2, RDS, S3, SES, Postfix**), resulting in improved scalability, enhanced security, and seamless email communications.  
Website : [www.aidhlegalsuite.com](http://www.aidhlegalsuite.com)
- **Co-Founder – HostingBugg.com** ( 2022–2024 | Discontinued )  
**Built and managed shared hosting services** for 20+ clients using **WHM/cPanel** and **WHMCS**, overseeing provisioning, billing automation, and technical support.

Handled day-to-day operations including **server management, customer onboarding**, and ensuring high availability and performance for hosted websites.

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## **Certifications**

- Microsoft Certified: Azure Administrator Associate (AZ-104) – *Pursuing*
- Red Hat Certified System Administrator (RHCSA)
- cPanel University Certified (2017)
- Cisco CCNA – *Course Completed (2016)*

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## **Education**

- Higher Secondary – G.H.S.S Koipuram, Pathanamthitta (2013)
- SSLC – N.M.H.S Kumbanad, Pathanamthitta (2011)

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## **Languages**

- English – Fluent
- Malayalam – Native

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