SREEJITH S NAIR

DEVOPS & AWS CLOUD INFRASTRUCTURE SPECIALIST

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Highly skilled AWS Cloud and Linux Administrator with 8 years of experience in cloud infrastructure management, DevOps practices, and system administration. Expertise in architecting, deploying, and maintaining cloud-based solutions using AWS services, Kubernetes, Docker, and Terraform. Proven ability to optimize cloud environments, automate deployments, and enhance security protocols. Adept at implementing CI/CD pipelines, managing high-availability systems, and collaborating with cross-functional teams to deliver scalable and secure cloud solutions.

CORE COMPETENCIES

- **AWS Cloud Services**: EC2, RDS, S3, IAM, Route 53, CloudFront, ECS, EKS, Lambda, API Gateway, Load Balancer.
- **Linux Administration**: System configuration, troubleshooting, OS upgrades, security hardening, automation.
- **Cloud Infrastructure Management**: Kubernetes, Docker, Terraform, CI/CD pipelines, AWS CodePipeline, Jenkins.
- **Networking & Security**: VPN setup (OpenVPN, WireGuard), firewall management, SSL/TLS implementation.
- **Monitoring & Performance Optimization**: AWS CloudWatch, New Relic, Datadog, SonarQube for system health monitoring.
- **Database Administration**: MySQL, PostgreSQL, MongoDB, MariaDB, database backup and optimization.
- **DevOps & Automation**: CI/CD pipelines, Git version control, automated deployments, Bash scripting.
- **Web Hosting & Server Management**: Apache, Nginx, WHM, CPanel, domain and DNS management.

PROFESSIONAL EXPERIENCE

DevOps Team Lead, Spericorn Technology, Trivandrum   Jan 2020 – Present

- Lead DevOps and network teams in managing AWS cloud infrastructure for high-availability applications.
- Architected and migrated monolithic applications to Cloud environments such as AWS using jenkins and Docker.
- Set up and managed AWS EKS for Docker container orchestration,deploying Node.js applications.
- Implementing infrastructure automation using Terraform to provision and manage AWS resources such as EKS, EC2 instances, S3 buckets, VPCs etc..
- Configured and managed AWS security best practices, VPNs, SSL/TLS certificates, and IAM.
- Managed AWS services including EC2, RDS, S3, Route 53, CloudFront, and Load Balancers. Integrated monitoring tools such as AWS CloudWatch, New Relic, and Datadog for real-time system tracking. tracking.

Linux Administrator, Veristics Networks Pvt Ltd,Trivandrum   Feb 2017 – Jan 2020

- Administered Linux-based servers, optimizing performance, security, and uptime.
- Deployed and managed Apache, Nginx, and MySQL databases, ensuring high-availability web hosting solutions.

- Installed and configured Jenkins for CI/CD automation, improving deployment efficiency.
- Configured email services (Postfix, Sendmail) and managed web hosting solutions using cPanel, WHM, and DreamHost.
- Automated routine system maintenance tasks using Bash scripting and Cron jobs.
- Implemented backup and disaster recovery solutions using Rsync, Tar, and AWS S3 backups.

CERTIFICATIONS

- **AWS SysOps Administrator** – AWS-certified expertise in cloud management and automation.
- **Red Hat Certified Engineer (RHCE)** – Advanced Linux system administration and automation.
- **Red Hat Certified System Administrator (RHCSA)** – Core Linux administration and security.
- **Certified Cyber Security PG Program** – Great Learning – Security best practices and risk management.

TECHNICAL SKILLS

- **Cloud Platforms**: AWS, Azure (basic knowledge).
- **Linux & Windows Administration**: RHEL, Ubuntu, CentOS, Windows Server.
- **Networking**: Load Balancers, VPN, DNS, SSL/TLS, VPC configurations.
- **DevOps & Automation**: Terraform, Kubernetes, Docker, Git, Jenkins, CI/CD pipelines.
- **Database Management**: MySQL, PostgreSQL, MongoDB, MariaDB.
- **Security & Compliance**: IAM, ACL, firewalls, encryption, vulnerability assessment tools.
- **Monitoring & Logging**: AWS CloudWatch, SonarQube, New Relic, Datadog.

EDUCATION

B.Tech in Computer Science Engineering
- Mangalam College of Engineering, Kottayam, 2016

Diploma in Computer Science
- Voice of God Polytechnic College, Tamil Nadu, 2013

ACHIEVEMENTS & LEADERSHIP

- Successfully led DevOps teams in cloud migrations, reducing downtime and improving efficiency.
- Automated infrastructure deployment, cutting manual provisioning time by 40%.
- Improved system security by implementing advanced IAM policies, firewall rules, and encryption techniques.
- Optimized AWS cost management, reducing operational expenses by 25% through resource allocation strategies.