

Mahinsha Nazeer

Kochi, Kerala, India

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Personal Profile

Results-driven Cloud DevOps Engineer with over 3 years of professional experience at Poornam Info Vision Private Limited and Infosys Limited. Proficient in architecting, automating, and optimizing deployment processes across diverse infrastructures. Highly skilled in Linux servers, AWS, Kubernetes, Docker, Docker Swarm, Jenkins, Git, and Ansible, with a strong commitment to developing efficient CI/CD pipelines. Proven ability to enhance system reliability, scalability, and performance through a solid focus on best practices.

Education

University College of Engineering, Thodupuzha

B.Tech in Electronics and communication Engineering

- Pass percentage: 70

Idukki, Kerala, India

August 2018 - October 2021

Govt. Polytechnic College, Muttom

Diploma in Electronics Engineering

- Pass percentage: 74

Idukki, Kerala

July 2015 - May 2018

Work Experience

Poornam Infovision (Bobcares)

Software Engineer = Cloud and Linux Operations

Kerala, India

Jan 2022 - April 2024

- Executed the migration and deployment of applications running on a bare-metal node on monolithic and micro-service architecture to AWS Cloud, seamlessly containerizing and integrating them with GIT and Jenkins for streamlined and efficient Continuous Deployment.
- Monitoring system reliability by introducing Nagios, Zabbix, PagerDuty, Site24x7, and Xymon for active monitoring, decreasing critical system outages and troubleshooting Linux servers based on Ubuntu. Conducting Server-to-Server migrations, providing critical support and monitoring, and creating incident reports and assessments.
- Managing data center operations and assisting clients with server management, configuration, deployment of applications, and website hosting, as well as assisting with database and website migration alongside DNS configuration.
- Deployment of WordPress websites using EC2, RDS, and configuring Load Balancer for domain-based request redirection in a custom VPC on an AWS infrastructure for high availability.
- Reduced the maintenance time of periodic server audits of in-house nodes by using Ansible playbooks and Bash scripting.
- Manually deploying the latest updates for microservices using Git and making necessary adjustments to the infrastructure upon request from the development team while managing MongoDB clusters and maintaining applications running in Docker containers. Assisting developers with application deployment and troubleshooting application-related issues.
- Providing support for cloud infrastructure services focused on AWS and DigitalOcean, offering assistance over EC2, RDS, CloudWatch, CloudFront, Route53, ACM, Athena, S3, IAM, ELB, EFS, VPC, CodeCommit, CodePipeline, ECS, Droplets, and App Platform.
- Mentoring newcomers, guiding training sessions, and assisting the team lead in client database management. Managing team workstations, facilitating team blog creation, and documenting work procedures for efficiency and knowledge transfer.

Infosys

Associate Consultant - Cloud Infrastructure Engineer

Hyderabad, India

June 2024 - Present

- Subject Matter Expert (SME) on Cloud & Linux_Ops.
- Working on Boeing Toolbox, assisting the DevTeam in migrating applications from the current infrastructure to AWS Cloud. Managing containerization and orchestration of Linux services along with Linux operations.
- Overseeing the DevOps pipeline, collaborating with customers to understand and resolve existing issues, assisting the monitoring and operations team with daily tasks, and supporting the DevTeam in managing repositories and application-related issues.
- Setting up monitoring dashboards and alarms using CloudWatch, ELK Stack, and Postfix. Ensuring uptime and managing Sev5 incidents raised by the DevTeam and Operations team.
- Bridging the gap between the client, DevTeam, Operations, and Helpdesk teams by streamlining communication and process workflows.
- Managing beta versions of applications, ensuring infrastructure reliability, performing security analysis, and hardening infrastructure. Automating processes using Bash, PowerShell, and Ansible.
- Leading the migration of the Toolbox-Legacy application to a microservices architecture using containerization tools and techniques.

Skills

Linux	Bash scripting, Database Administration: MySQL, MongoDB Atlas, Redis, Disk management, User Management, Operations Support, Deployments, Linux Administration – DNS, DDNS, Mail server troubleshooting, Web servers – Nginx, Apache, Networking, Firewalls, Hosting, FTP, NFS, IPMI, LVM, SSL, HashiCorp Vault, SBM Clusters, Database clusters, Data-center operations – IPMI, DCM, cPanel, Plesk, DirectAdmin, WordPress, Reliability and load testing, Incident management, Hardening, L3 Support.
Windows	Windows Server Administration, IIS, MSSQL, Firewall Management.
Cloud	AWS Cloud – Certified Solution Architect (SAA-C03) & Certified SysOps Administrator (SOA-C02) – Primary, Google Cloud Platform, DigitalOcean, Azure, Ionos.
DevOps Stack	Docker, Docker Swarm, Terraform, Git (GitHub, Bitbucket), Kubernetes, HA proxy, CI/CD (Jenkins, GitLab CI/CD), AWS (EC2, ECS, RDS, VPC, Route 53, S3, CloudFront, CloudWatch, GuardDuty, AWS Config, CodePipeline, CodeBuild, CodeCommit, CodeDeploy, Athena), GCP (VPC, Compute Engine, Cloud Storage, Cloud Build, Cloud Run), Ansible, Bash automation. Monitoring: Zabbix, Nagios, Xymon, PagerDuty, Site24x7, ELK Stack.
Soft Skills	Time Management, Teamwork, Problem-Solving, Documentation.

Certifications

AWS Certified Solutions Architect Associate – SAA-C03

AWS Certified SysOps Administrator Associate – SOA-C02

Redhat- RH124, RH134

Interests

Learning New skills I love to try new technologies and tools, some of them are on my GitHub and Blogspot.

Hobbyist I am a passionate Drone developer and RC Auto-model designer. I usually spend my free time on these things.

Languages

English	Professional proficiency
Malayalam	Primary fluency
Hindi	Limited working proficiency
Tamil	Limited working proficiency