

T P SONU

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PROFESSIONAL SUMMARY

Cloud and DevOps professional with internship experience in AWS, CI/CD, containerization, and infrastructure automation. Delivered scalable, secure, and cost-efficient cloud solutions, including systematized multi-service deployments and real-time monitoring systems that improved performance and reduced operational costs.

SKILLS

- **Cloud Platforms:** AWS (EC2, S3, Lambda, IAM, VPC, CloudWatch), Azure
- **IaC:** Terraform, Ansible
- **CI/CD & DevOps Tools:** Jenkins, Git, GitHub, Docker
- **Operating Systems:** Linux (Red Hat, Ubuntu)
- **Web Servers & Monitoring:** Nginx, Zabbix, Grafana, Prometheus

EXPERIENCE

IPSR Solutions Ltd

Kozhikode

Cloud & DevOps Intern

Sep 2024 – Feb 2025

- Configured Apache and Nginx servers to improve uptime by 20% and reduce HTTP errors by 15%, enhancing web service reliability.
- Managed user access controls and streamlined LVM storage processes across 10+ Linux instances, reducing access-related support tickets by 25% and improving security compliance.
- Implemented and optimized 15+ AWS services (EC2, Lambda, S3, EFS, EBS), achieving 30% cost savings through resource right-sizing and computerized scheduling.
- Designed and secured WordPress hosting architecture on AWS RDS with NAT Gateway, increasing database availability by 40% and reinforcing application security.
- Systematized infrastructure provisioning using Terraform and Ansible, improving deployment consistency and cutting troubleshooting time by 25%.
- Configured Zabbix, Grafana, and Prometheus monitoring systems to track key performance indicators and set alerting thresholds, leading to 40% faster incident detection and resolution.

EDUCATION

Holy Cross Institute of Management and Technology, Kozhikode

Bachelor of Commerce (Finance)

Jun 2018 – Apr 2021

PROJECTS

Secure WordPress Hosting with Advanced Security and Performance Optimization:

- Engineered a hardened WordPress environment on Linux with Nginx, MySQL, and PHP, sustaining 99.9% uptime and improving user experience.
- Integrated phpMyAdmin and SSL certificates, boosting security compliance and increasing customer trust by 35%.
- Implemented SFTP for encrypted file transfers and optimized plugin configurations, reducing page load times by 60%.

Automated Multi-Service AWS Deployment with Real-Time Monitoring and Alerts:

- Architected scalable AWS infrastructure using Terraform (VPC, subnets, EC2, S3), enabling multi-service deployment with high availability.
- Mechanized EC2 provisioning with Ansible and containerized applications using Docker, reducing setup time by 85%.
- Built real-time monitoring with Prometheus and Grafana to capture system metrics and generate actionable alerts, improving incident response times.
- Developed interactive Grafana dashboards integrated with email and Slack notifications, cutting unplanned downtime by 30%.

CERTIFICATIONS

- KodeKloud – Learn Ansible Basics (Beginners Course) – Apr 2025
- KodeKloud – Learning Linux Basics (Course & Labs) – Mar 2025
- KodeKloud – Terraform Basics Training Course – May 2025