PRASHANTH GOWDA G R

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EDUCATION

SJBIT(VTU) – *CGPA 7*   *2018 – 2020*
B.E in Electrical & Electronics Engineering

EXPERIENCE

CloudOps Engineer 2   *June 2023 - Present*
PowerSchool – Bangalore

- Architected and implemented high-availability infrastructure serving 50+ production servers using AWS Systems Manager (SSM) and Fleet Manager, achieving 99.9% uptime.
- Implemented GitLab pipelines to automate multiple daily activities utilizing light weight docker images.
- Optimized Kubernetes cluster performance using Lens and Grafana, resulting in 25% improved resource utilization
- Led GitLab migration from self-hosted to SaaS, managing zero-downtime transition for 200+ developers
- Reduced latency by 20% through advanced NGINX load balancer configurations and SSL certificate automation
- Implemented automated database refresh workflows for dev/QA environments, reducing deployment time by 40%.
- Developed and maintained Infrastructure as Code using Terraform and Terragrunt, achieving 100% infrastructure consistency
- Engineered ETL pipelines using Qlik and HVR, optimizing data replication to Snowflake with 99.9% accuracy
- Automated cross-platform deployments using GitLab CI/CD and Kubernetes, reducing deployment time by 30%
- Implemented centralized logging solution using Ansible AWX, covering 100+ virtual machines
- Created RPA solutions using Power Automate, reducing manual operations by 40%.

Associate System Engineer (L1, L2)   *May 2021-May 2022*
Anthology

- Implemented enterprise-wide logging solution using Azure Blob Storage and Azure Monitor
- Managed application deployments across Azure App Services and on-premises IIS environments
- Automated SQL maintenance jobs reducing manual database operations by 40%
- Orchestrated Ansible playbooks for automated software deployment across cloud and on-premises environments
- Managed SSL certificate lifecycle and implemented automated renewal processes for 50+ applications

PERSONAL PROJECTS

Chatbot
- Personized chatbot to interact with multiple data source like confluence, SharePoint, S3 bucket, websites using AWS Lex, Kendra and Lambda to interact with Fresh service API

CI/CD implemented App deployment
- Built an integration of Jenkins, GitLab, Git, Docker, Kubernetes for continuous application deployment in multiple environments like Prod, QA, Dev.

Core Competencies

- **Cloud Platforms:** AWS (EC2, S3, RDS, Lambda, Systems Manager), Azure (App Services, Logic Apps, Monitor)
- **Container Technologies:** Docker, Kubernetes (EKS, AKS), Helm Charts, Argo CD
- **Infrastructure as Code**: Terraform, Terragrunt, Ansible AWX
- **CI/CD & Version Control**: GitLab CI/CD, Jenkins, Git
- **Monitoring & Observability**: Prometheus, Grafana, New Relic, Azure Monitor
- **Automation & Scripting**: Python, Bash, PowerShell, Power Automate
- **Load Balancing & Web Services**: NGINX, HA-Proxy, F5, Apache, IIS
- **Database & Data Engineering**: Snowflake, MS-SQL, ETL (Qlik, HVR, Fivetran)

Certifications & Awards

- Docker and Kubernetes Administration (Udemy Certified)
- Advanced Ansible Automation (Udemy Certified)
- Recognized as MVP for three consecutive quarters (2023-2024)
- Microsoft Artificial Intelligence and Prompt Engineering (Udemy Certified)