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TRIPURARI S SHUKLA

DevOps Consultant

DevOps Engineer with over 15 years of experience in Infrastructure Maintenance and a strong background in implementing the Azure Cloud Computing; targeting a challenging role in Maintenance and DevOps in the IT industry.

Profile Summary

- Experienced **Senior DevOps Consultant** with a focus on **Azure cloud computing,** offering optimizing infrastructure for scalability and reliability
- Proven ability to **implement DevOps best practices** and streamline development and deployment processes
- Skilled in leveraging automation tools, containerization, and orchestration technologies to improve operational efficiency
- Skilled at leading cross-functional teams, providing strategic guidance, and driving collaboration for seamless delivery of cloud solutions
- Expertise spans a wide range of technologies and tools, including Azure, Kubernetes, Jenkins, Docker, Git, Terraform, Ansible, Istio, Kiali, Grafana, Prometheus, MongoDB, InfluxDB, Redis, and Kafka
- Orchestrated successful Azure cloud migrations, ensuring smooth transition and minimal downtime
- Developed **robust automation frameworks**, reducing manual efforts and increasing overall productivity
- Led **cross-functional teams in adapting containerization technologies**, such as Docker and Kubernetes, for efficient deployment and scalability

Education

- **PGDCA:** Vinayka Mission University (2013)
- **Graduation**, from Punjabi University, Patiala (2002)

Organizational Experience

Mar'23 to Present: as Project Leader (DevOps Consultant); with R Systems International

Key Result Areas:

- Supervising the implementation of DevOps practices, driving collaboration between development and operations teams to streamline software development and deployment processes
- Leading the cross-functional teams in designing and implementing automated CI/CD pipelines, utilizing tools such as Jenkins, Git, and Docker, to optimize the software delivery lifecycle
- Monitoring the project planning and execution, ensuring timely delivery of DevOps solutions and meeting project objectives and milestones

Apr'20 to Mar'23: as DevOps Consultant; with Racloop Technologies

Key Result Areas:

- Implemented and **configured Azure Kubernetes Services**, including ingress controllers and load balancers
- Managed and administered server infrastructure, **troubleshooting Linux/Ubuntu** based systems
- Automated infrastructure deployment using Terraform and established CI/CD pipelines with Jenkins
- Conducted regular automation tasks using Shell Scripting; utilized Git for centralized version control and continuous integration (CI) processes
- Orchestrated deployments with Kubernetes, setting up ingress controllers, Istio Service Mesh, Kiali, Jaeger, and internal ingress controllers
- Leveraged HELM extensively to combine micro services into a single image; configured monitoring solutions with Kiali, Grafana, Prometheus, and Nagios
- Managed MongoDB clusters on Ubuntu VMs, including backup and restore processes; developed analytics and monitored solutions using Prometheus and Grafana for visualization
- Deployed and configured InfluxDB, Cassandra, Redis, and Kafka in cluster mode within the ingress controller setup
- Implemented a continuous integration and delivery (CI/CD) pipeline, enhanced deployment speed and reliability at Racloop
- Set up a Jenkins controller server from scratch to establish a robust CI/CD pipeline
- Collaborated closely with the development team to design and implement infrastructure as code practices, improved system flexibility and maintainability
- Proficient in using Grafana, Prometheus, MongoDB, InfluxDB, Cassandra, Elasticsearch, Redis, Ansible, Istio, Kiali, and Kafka for various application and tool requirements

TECHNICAL SKILLS

- DevOps
- Azure Administration
- Kubernetes administration
- Docker
- Jenkins Pipeline
- Helm
- Terraform
- Windows Administration
- Linux Administration
- Shell Scripting
- Agile Environment
- Networking (routing switching)
- AWS Administration

CORE COMPETENCIES

- Azure Cloud Services
- DevOps Methodologies
- Infrastructure as Code (IaC)
- Version Control System
- CI/CD Pipelines
- Configuration Management
- Monitoring & Logging
- Scripting & Automation
- Security & Compliance
- Team Leadership & Management

May'16 to Mar'20: as IT Head; with Freemans Measures

Key Result Areas:

- Managed and **maintained Azure Cloud resources**, including App Service, Load Balancer, and Application Gateway
- Automated job processes through Shell Scripts, leveraged extensive Linux experience
- Monitored website traffic and configure VMs, VMSS, and storage accounts; led and managed a team of colleagues, providing motivation and guidance for optimal performance
- Performed an important role that encompassed both Azure Administrator responsibilities (50%) and management duties (50%)

Aug'13 to Apr'16: as IT Lead; with Rhythm Info

Key Results Areas:

- Managed and maintained File and Print Servers, ensured regular backups for data protection
- Configured Symantec AV server for effective antivirus protection; maintained and **managed FortiGate Firewall and Cisco L2-3 Switches** to ensure network security and stability
- Installed, configured, and managed Windows Active Directory, including created and administered LAN accounts for users
- Administered various shared resources such as Distribution Lists and Directories; provided necessary permissions to users based on their requirements
- Ensured appropriate access to tools and resources to support efficient business operations
- Served as a **System Administrator for User Account Maintenance** and Incident Management Systems
- Created and **administered LAN and email accounts for users**, including granting permissions on network resources
- Managed and modified exchange resources like Distribution Lists, Shared Email accounts, Shared Calendars, and Conference Rooms
- Configured and troubleshot **Fortinet 200 firewall policies for network security**; regularly reviewed process and support documentation, made necessary amendments as required
- Facilitated knowledge transfer, record incident resolutions, and provided internal cross-training
- Configured network/firewall nodes in response to Incident/Service requests; coordinated equipment replacement for service restoration when necessary

Previous Work Experience

Jul'10 to Jul'13: as MTS; with Interra Infotech

Oct'07 to Oct'09: as System Engineer; with IBM India

Certifications & Trainings

- **DevOps Engineer Master's Program:** SimpliLearn (Oct'2022)
- **Azure Administrator AZ-104:** Simplilearn
- **Docker Certified Associate:** Simplilearn
- **Certified Kubernetes Administrator (CKA) Program:** Simplilearn
- **Implementing DevOps with AWS**: Simplilearn
- **AWS Developer Associate**: Simplilearn
- **CI/CD Pipeline with Jenkins**: Simplilearn
- **AWS Technical Essentials**: Simplilearn
- **Ansible**: Simplilearn
- **Agile Scrum Master**: Simplilearn
- **Linux Training**: Simplilearn
- **Git and GitHub Training**: Simplilearn
- **Microsoft Certified System Engineer:** Microsoft
- **Cisco Certified Network Associate:** Cisco Networking Academy

Personal Details

- **Date of Birth:** 03rd January 1977
- **Languages:** English, Hindi & Punjabi
- **Address:** New Delhi-110092