

Sree Pada

Site Reliability Engineer

Contact: +1 437-366-1227

LinkedIn: [Sree-Pada-LinkedIn](#)

Email: sreepadha102@gmail.com

Mississauga, ON, Canada.

Professional Summary:

Site Reliability Engineer with over 9 years of experience in cloud infrastructure management and DevOps practices. Proficient in designing and implementing CI/CD pipelines, automating infrastructure provisioning with Terraform, and managing containerization technologies.

Strong background in Azure cloud services, with expertise in Python and Bash scripting.

Committed to enhancing system reliability and performance through proactive monitoring, automation and effective disaster recovery strategies. Adept at leading cloud infrastructure projects from inception to deployment, while ensuring adherence to service-level objectives and collaborating with cross-functional teams to optimize software delivery and operational efficiency.

Experienced in building, and mentoring teams of DevOps engineers through requirement analysis, workflow design, and software development to successfully deliver agile sprints.

Skills & Competencies:

- Cloud Platforms: Microsoft Azure, IBM Cloud
 - Automation: Terraform, Ansible
 - CI/CD Tools: GitLab pipelines, Jenkins, GitHub actions.
 - LDAP authentication: Active directory
 - Containerization & Orchestration: Docker, Kubernetes
 - Programming Languages: python, shell scripting
 - Network: DNS, WAN, private link services, NSGs
 - Build tools: Maven, Bazel
 - Capacity Planning and Scalability
 - Windows and Linux administration.
 - Disaster Recovery Planning and Implementation
 - System Availability and Reliability Improvement
 - Incident management and infra monitoring
 - System Patching and Upgrades
 - System Monitoring and Alerting
 - Operational Cost Reduction
 - Performance Metrics and Analysis
-

Certifications:

- Certified in Kubernetes application development. CKAD
 - Certified Terraform Associate.
 - Certified in Microsoft Azure fundamentals.
 - Certified in Microsoft Azure Administration.
-

Professional Work Experience:

Principal Site Reliability Administrator

12/2022-Present

OpenText

- Configured and managed over 30 GitLab runners for streamlined deployment of infrastructure and application code through automated pipelines across multiple environments. Developed runners using Docker images, adhering to strict security policies, and implemented vulnerability scanning that reduced security risks by 15%.
- Developed and maintained Terraform scripts to efficiently provision and scale Azure services such as

Virtual machines, networks, DNS zones and services, key vaults and AKS clusters.

- Set up infrastructure for over 20 projects, encompassing about 7 products, using Terraform and Make files within GitLab CI/CD pipelines. Deployed to lower environments before promoting to production and executing the deployment of customer applications, ensuring thorough testing and seamless handover processes.
- Participated in an on-call rotation, managing incident escalations for approximately 10-15 incidents per month to reduce mean time to recovery (MTTR) while monitoring a problem ticket backlog of 20+ support requests for timely resolution. Conducted root cause analysis to identify underlying issues post incident resolution.
- Prioritize and create automated solutions to tackle recurring issues, improving system reliability and markedly decreasing the frequency of disruptive incidents. Patching of virtual machines, upgrades to AKS clusters to align with latest release.

Senior DevOps Engineer

09/2021-10/2022

Kyndryl Holdings, Inc.

- Implemented blue-green deployments and created Kubernetes manifests for pods, services, and volumes, ensuring high availability and seamless rollouts. Integrated monitoring solutions for logs and compute metrics.
- Provisioned Azure resources, including VMs, virtual networks, storage accounts, and key vaults, while implementing security configurations like network security groups and subnets.
- Automated build, containerization, and deployment pipelines, designed workflow dependencies for Airflow schedulers and managed Docker images in private registries and Artifactory.
- Conducted code reviews to identify vulnerabilities, enforce best practices, and maintain high standards of code quality and compliance.

DevOps Engineer

03/2015-08/2021

IBM India

- **Automated Deployment:** Developed and maintained CI/CD pipelines for IBM CRM Sales Connect/Salesforce, enabling automated deployments that reduced release times by **30%** and increased deployment frequency to bi-weekly.
- **Containerization:** Created and managed Docker images for Sales Connect microservices, improving application scalability and resource utilization by 25%.
- **Cloud Infrastructure Management:** Provisioned and managed virtual machines on IBM Cloud, optimizing resource allocation and performance, which resulted in a 40% reduction in provisioning time and ensured consistent environments across development and production.
- **Monitoring and Logging:** Implemented monitoring and logging solutions using Log DNA, System Dig, and Zabbix to track application performance and system health, achieving a 50% faster incident response time and a 20% decrease in downtime.
- **Cross-Functional Collaboration:** Worked closely with development and operations teams to optimize Sales Connect features, leading to a 15% increase in user adoption and satisfaction through enhanced customer engagement tools.

Software Analyst

05/2014-03/2015

Depenning & Depenning Pvt Ltd

- Review and analyze an average of 20 patent applications monthly, forwarding them to the patent office to ensure successful registration and timely renewal, while adhering to all legal requirements.
 - Engage with clients to discuss invoicing details and clarify the subsequent steps necessary for publishing patents, ensuring transparency and understanding throughout the process.
 - Track renewals and active patents in the company's database using SQL to maintain accurate records.
-

Education:

Bachelor of Engineering (B.E) in Electronics and Communication.
SRM University, India.

2009-2013