Praveen Singampalli [ DevOps/Cloud engineer ]

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# Professional summary



I am a dedicated DevOps/SRE Engineer with 5 YEO and hands-on experience in automation, infrastructure management, and enhancing software development practices. With a strong background in CI/CD pipelines and cloud infrastructure, I have significantly improved operational efficiency and system reliability. My work in integrating monitoring solutions and securing DevOps practices has led to substantial reductions in incidents and enhanced performance across projects.

# Technical Skills



**DevOps Tools** : Python, Java, Jenkins , Ansible, Kubernetes , Docker, Maven, Jfrog, Terraform,

**Visualization Tools**: Prometheus, Grafana , Istio, Kiali, Jaeger, New relic  
**Linux**: File / User . Networking , disk management , patching, admin tasks

**Other Skills**: Automations, Production Support, RCA, Oncall activities

# Experience/Projects



**Infosys July 2021 – Onsite Opportintu**

DevOps/SRE Engineer Bengaluru, India

* **Infrastructure Automation**: Designed and implemented **CI/CD pipelines** using **Jenkins**, **GitLab CI**, and **CircleCI** to automate deployment and provisioning of infrastructure in cloud environments, improving deployment speed by 40%.
* Managed cloud infrastructure on **Google Cloud Platform (GCP)**, automating provisioning with **Terraform** and **CloudFormation**. Reduced manual configuration errors and increased scalability by 30%.
* Developed automated infrastructure provisioning workflows using **Terraform** and **Ansible**, enabling seamless setup of virtual machines, databases in **GCP** and **AWS** with 70% automated efforts
* Led the integration of **monitoring** and **alerting** tools like **Prometheus**, **Grafana**, and **New Relic**, ensuring high availability and early detection of issues across cloud applications and infrastructure which helped in reduction of 30-50 support tickets.
* Collaborated with **development teams** to optimize the **software development lifecycle (SDLC)**, reducing bottlenecks by automating testing, deployments, and environment provisioning.
* Ensured **secure DevOps practices**, including **secrets management** using tools like **Vault**, **vulnerability scanning**, and implementing robust **access control** policies, resulting in improved security posture across cloud environments.
* Managed incident response and troubleshooting for production systems, ensuring a **high uptime** of 99% and fast resolution of issues in collaboration with engineering teams, minimizing service interruptions

**Verizon June 2019 – July 2021**

DevOps Engineer Kolkata, India

* Implemented **configuration management** solutions using **Ansible** and **Puppet** to automate the provisioning and configuration of infrastructure, reducing manual configuration tasks by 50%.
* Developed and managed **monitoring dashboards** using Grafana and Prometheus, improving visibility into system health and ensuring optimal performance of applications deployed on **AWS and GCP**.
* Worked closely with development teams to continuously improve CI/CD pipelines, facilitating smoother releases and addressing bottlenecks by automating infrastructure provisioning and testing.
* Spearheaded the use of cloud automation tools like terraform to ensure consistent infrastructure deployment, aligning with best practices for **infrastructure as Code**.
* Provided hands-on support for incident management, ensuring timely resolution of **production issues and collaborating** with teams to prevent recurring incidents, achieving a 20% improvement in system reliability.

# Personal Projects



**Walmart: Chatbot Automation** | Nodejs, DevOps / SRE **April 2022 - May 2022**

* Developed an interactive chatbot for supply chain, enhancing strategic decision-making with dynamic visualizations that **reduced data trend identification time by 40% and improved decision accuracy by 30%.**
* Streamlined devops CICD processes with automations, **reducing manual run time of jenkins by 25%.**

**Education**



**Andhra University Aug 2012 – Sep 2016**

Bachelor of Science in Information Technology AP

**Certifications**



**RHCSA Aug 2019**   
**CKAD Dec 2020**

**Awards & Achievements**



**WALMART BRAVO AWARD**   
**VERIZON ACHIEVER AWARD**

**Always follow 1 page resume ->**

1. **0 - 3 YEO -> 2 Page resume -> 2 Projects [ Increase your pages ]**
2. **4-8 YEO -> 2 or 3 page resume**