

## Pakhanati Akshai

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### Objective:

Cloud and **DevOps** enthusiast with 7 years of experience, including 5 years in **AWS** and 4 years in **DevOps** support. Passionate about automation, CI/CD, infrastructure management, and cloud technologies.

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### Technical Skills:

- **Cloud:** **AWS** (EC2, S3, IAM, VPC, RDS, Lambda, ALB, Route 53)
  - **Infrastructure as Code:** **Terraform**, CloudFormation
  - **CI/CD:** Jenkins, GitHub Actions
  - **Containerization:** **Docker**, **Kubernetes** (EKS, Helm)
  - **Monitoring & Logging:** Grafana, Prometheus, Loki, InfluxDB
  - **Configuration Management:** **Ansible**
  - **Scripting:** **Python**, Bash
  - **Security & Compliance:** SonarQube, Trivy, Kubeaudit, OWASP
  - **Artifact Management:** Nexus, JFrog
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### Professional Experience:

#### TekSystem Global Services (Client: MBRDI) – **DevOps Engineer** (June 2024 – Present)

- Managing **AWS** infrastructure for **InfoSim** project, including **Kubernetes**, **Jenkins**, and **License Servers**.
- Automated AMI creation using **Packer**.
- Deployed **Loki**, **InfluxDB**, and **Grafana** on **AWS** EKS for Dev & Prod.
- Debugged **Jenkins pipelines** and **Kubernetes** pod failures.

#### Tata Consultancy Services – **DevOps Engineer** (May 2022 – June 2024)

- Built and managed **AWS** environments: **EC2**, **S3**, **IAM**, **RDS**, **ALB**, **Route 53**.
- Automated deployments using **Terraform** & **Jenkins**.
- Implemented **Git branching strategy** for Prod, Dev, and UAT.
- Configured **Kubernetes Ingress**, **RBAC**, **Persistent Volumes**, and **Auto Scaling**.
- Set up **monitoring dashboards** using Prometheus and Grafana.

#### Refinitiv – **SRE / DevOps Support** (July 2019 – April 2022)

- Supported Eikon App's **CI/CD pipelines** and **cloud infrastructure**.
- Managed deployments with **Jenkins**, **Ansible**, **Docker**, and **Kubernetes**.
- Optimized system performance and security compliance.

## **Innovatia – Technical Support Engineer** *(June 2017 – April 2019)*

- Provided **VOIP support** for Avaya technologies.
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### **Projects:**

#### **InfoSim (MBRDI Internal App)** *(June 2024 – Present)*

- Tech Stack: **DotNet, Git, Jenkins, JFrog, Docker, Kubernetes, AWS RDS MySQL.**
- Managed deployments, troubleshooting and Administration on **AWS EKS.**
- Used **python** for **AWS** lambda functions for automation of daily tasks and in Jenkins pipeline stages we have used **python** scripts for InfoSim package validations.

#### **Refinitiv World-Check Risk Intelligence** *(May 2022 – June 2024)*

- Tech Stack: **Ubuntu, Java, Git, Jenkins, Ansible, Docker, Kubernetes.**
- Led **CI/CD pipeline optimization** and security hardening.

#### **Dante Application** *(Aug 2019 – May 2022)*

- Tech Stack: **Java, Terraform, Kubernetes, Docker, JFrog, Maven.**
  - Managed application releases and infrastructure automation.
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### **Education:**

**CSVR Engineering College (2011 – 2015) | B.Tech in Computer Science**

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