SUJANI MAKINENI

DevOps Engineer

📞 +91-8485024067   @ sujaniveerapalli@gmail.com   📍 Pune

SUMMARY

Skilled DevOps Engineer with 3+ years of hands-on experience supporting, automating, and optimizing mission critical deployments in AWS & Azure Clouds, leveraging configuration management, CI/CD, and DevOps processes.

SKILLS

My Cloud Skills

Microsoft Azure   Amazon Web Services   Virtual Networks

Azure Subscriptions   Resource Groups   Azure IAM

Network Peering   Azure Public/Private DNS   Load Balancers

Application Gateway   Azure SQL   Azure ARM Templates

Azure Automation Accounts   Azure Firewall   Azure VM

Traffic Manager   Azure Frontdoor   Azure Backup & Recovery

AWS VPC   NAT Gateways   EC2   S3   Route53

IAM Roles & Policies   Cloud Formation   NLB & ALB

Peering & VPG   AWS Lambda   EFS & FSX   IaaC   RDS

My DevOps Skills

Shell & Powershell Scripting   Terraform   Packer   Docker

Docker Swarm   Ansible   Puppet   Jenkins   GitHub

Azure DevOps   JSON & YAML   CI/CD   Pipelines   IaaC

Container Registries   Dockerfile   Image Automation

Artifact Management   Version Control

PROJECTS

Java Application Building Jenkins Pipeline

- Creating New Jenkins server with Java JDK Dependencies and Installation necessary plugins.
- Creating Jenkins pipeline for adding WAR creation with JDK.
- Uploading the artifacts to AWS S3 and Azure Blob Storage for application consumption.
- Creating Docker Image using Dockerfile and pushing to Docker Registry as part of the pipeline.
- Deploying WAR file to test deployment servers and integrating it in pipeline.
- Complete CI/CD Integration and Automation.

Infrastructure Automation with Terraform

- End-to-End AWS infrastructure deployment using Terraform utilizing Azure DevOps Pipelines.
- Remote state management of Terraform with AWS S3.
- Creating Terraform modules and testing .
- AWS Image Automation with Packer.
- Total pipeline integration of Terraform & Packer with Azure DevOps and Jenkins.
- Managing identical Test & Development environment's with Terraform Workspaces.
- Creating to total CI/CD pipeline with Packer->Terraform→Jenkins for Deployment.

Container Orchestration

- Deploying Docker container infrastructure with Terraform and Packer.
- Assisting developers for testing applications using Docker Compose.
- Configuring Docker Swarm cluster.
- Creating Docker Application stacks based on Docker compose files.
- End-to-End application deployment on Docker Swarm cluster using Jenkins Server.
- Performing application rolling updates minimizing application downtime.
- Testing static applications with Azure Container Instances to reduce the testing and development.
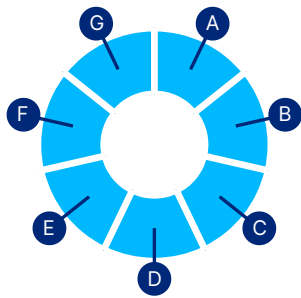
A — Creating & Monitoring CI/CD Pipelines.
B — IaaC Automation with Terraform & Packer.
C — Managing Cloud Infrastructure.
D — Standup & Project Meetings
E — R & D of new DevOps Related Tools
F — Documentation
G — Training

EDUCATION

Masters in Computer Applications(MCA)

SV University, Tirupathi

2008 - 2011

Bachelors in Computer Science

SV University, Tirupathi

2005 - 2008

EXPERIENCE

DevOps Engineer

Cylus Creators Software Solutions   02/2017 - Ongoing   Pune

- Deploying & Managing workloads on Amazon Web Services using the core services EC2, VPC, S3, RDS, IAM, EBS, Lambda and Route53.

- Responsible for Deploying & Managing resources on Microsoft Azure Cloud.
- Monitoring & Managing Azure VMs, Virtual Networks, Azure SQL.

- Infrastructure automation using Azure DevOps Build & Release Pipelines.
- Deployment of AWS Infrastructure with AWS Cloud and Terraform using Jenkins CI/CD Pipelines.

- Deploying and automate environments with Shell, Powershell, Ansible, Puppet, Jenkins & Azure DevOps.

- Performing updates and patches for Windows and Linux Servers.

- Managing Linux & Window's Servers as part of BAU.
- Deploying applications and updates using Ansible and AWS SSM.
- Testing new DevOps Tools which can be leveraged for the projects.

INDUSTRY EXPERTISE

Amazon Web Services

Microsoft Azure

DevOps Tools

PERSONAL DETAILS

SUJANI MAKINENI

CONTACT DETAILS:
Flat No:C-1101,
Aristolia Society, Hadapsar,
Pune, MH-411028.

Marital Status : Married