

SANDEEP YADAV GORLA

DevOps Engineer



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JOB OBJECTIVE

Enthusiastic Azure DevOps Engineer possessing hands-on experience in developing and managing cloud-native infrastructures, with a keen emphasis on automation and continuous integration and delivery practices. Targeting opportunities in CI/CD pipeline development, infrastructure management, and DevOps practices within innovative technology-driven organizations.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering, Malla Reddy College of Engineering and Technology, Hyderabad, 2023

CORE COMPETENCIES

Cloud Infrastructure Management

Agile Project Management

Continuous Delivery Strategies

DevOps Best Practices

Infrastructure Automation Techniques

Software Development Lifecycle

Containerization Strategies

Security in DevOps

Performance Optimization

Cross-Functional Team Collaboration

TECHNICAL SKILLS

Cloud Platforms: Microsoft Azure, Azure Migrate, AWS, GCP

DevOps & CI/CD Tools: Azure DevOps, GitHub, GitHub Actions, Jenkins, TeamCity, Octopus Deploy, Argo CD, CI/CD Pipelines, ServiceNow

Infrastructure as Code (IaC) & Configuration Management: Terraform, ARM Templates, Bicep, Ansible, Puppet

Containerization & Orchestration: Docker, Kubernetes, Azure Kubernetes Service (AKS), ArgoCD, Kustomize, Argo Rollouts

Programming & Scripting Languages: PowerShell, Bash, Shell Scripting, Python, Java, Node.js, .NET

Testing & Development Practices: Selenium, SonarQube, SDLC, Agile, Scrum, DevOps Practices

Other Tools & Platforms: Artifactory, Visual Studio, Miro

PERSONAL DETAILS

Address: Potharam, Telangana

Languages Known: Telugu, Hindi, English

Date of Birth: 12 October 2001

PROFILE SUMMARY

- Over **3 years of experience in DevOps engineering**, specializing in **cloud-native infrastructure and automation** within product-based organizations.
- Currently serving as an **Azure DevOps Engineer at WS Audiology**, responsible for optimizing **CI/CD pipelines and cloud infrastructure** to enhance operational efficiency.
- Developed expertise in **Azure services, infrastructure automation, and cloud migrations** using tools like **Terraform, ARM templates, Azure Migrate, PowerShell**, and more.
- Achieved significant improvements in deployment reliability and efficiency by implementing automated CI/CD pipelines, reducing deployment time.
- Led successful **end-to-end cloud migration** projects, improving **system performance & availability**.
- Strong understanding of **DevSecOps principles**, ensuring security integration throughout the software development lifecycle while collaborating effectively in **Agile/Scrum** environments.

WORK EXPERIENCE

Jul'2023 to Present: DevOps Engineer at WS Audiology Pvt. Ltd. Hyderabad, India

Role:

- Supervising the management and optimization of **Azure DevOps CI/CD pipelines**, ensuring seamless integration and deployment of applications across environments.
- Spearheading the deployment of infrastructure using **ARM templates and Terraform**, enhancing the scalability and reliability of cloud resources.
- Provisioning and managing Azure services** including VMs, Storage Accounts, VNets, Application Gateway, Azure Entra ID, IAM, Function Apps, Databases, AKS, ACR, Key Vaults, and Azure Front Door.
- Managing **Azure DevOps agent pools** (both Microsoft-hosted and self-hosted) to improve build efficiency.
- Automating tasks and infrastructure deployment using **PowerShell scripts, Terraform**, and **Bicep**, improving process consistency and reducing manual effort.
- Administering **Azure Entra ID** (user/group lifecycle, app registrations, RBAC, conditional access, B2B/B2C), ensuring secure identity governance.
- Implementing **GitOps workflows using ArgoCD**, supporting **Kubernetes deployments** with **Kustomize** and **Argo Rollouts** for **zero-downtime releases**.
- Conducting ITSM processes in **ServiceNow**, including incident, change, & request management.
- Led **cloud migration assessment and automation** for on-premises Linux and Windows servers using **Azure Migrate** and PowerShell scripting.
- Implemented branch policies for multiple repositories using Terraform**, ensuring compliance and streamlined development processes.

Achievements:

- Played a pivotal role in the migration of the FitXP application to the Azure cloud**, improving scalability and performance.
- Recognized for exceptional performance and promoted to Engineer 1 - Azure DevOps Engineer** within a short tenure.

PROJECTS

Project 1: CFS, Role: DevOps Engineer, **Environment:** Azure, Azure DevOps, CI/CD Pipelines, PowerShell, Linux, Terraform, Docker, Kubernetes

- Developed and maintained CI/CD pipelines in Azure DevOps, provisioning resources via ARM templates and Terraform.
- Deployed and managed Azure components including App Gateway, VNets, Storage Accounts, Databases, AKS, Function Apps, Key Vaults, and Log Analytics.
- Configured Azure DevOps agent pools, enabling scalable builds.
- Automated tasks using PowerShell scripts, improving efficiency and reducing errors.
- Managed Azure Entra ID and integrated identity protection and app access.
- Used Terraform for consistent and repeatable IaC deployments.
- Leveraged ServiceNow for managing ITSM activities such as RITMs and incidents.

Project 2: FitXP, Role: Azure Migrate Specialist & DevOps Engineer, **Environment:** Azure, Azure Migrate, PowerShell, Linux, React JS, Dot Net, Azure Repos, Cosmos DB, Signal R, ASB, SonarQube, Azure DevOps, Kubernetes, Argo CD

- Led cloud migration of on-prem systems to Azure using Azure Migrate tools.
- Implemented IaC using Bicep and Terraform for infrastructure reproducibility.
- Developed GitOps workflows with ArgoCD, ensuring consistent Kubernetes deployments.
- Applied Blue-Green deployments and Argo Rollouts for zero-downtime releases.
- Configured repositories and access in ArgoCD for streamlined app deployment.
- Integrated SonarQube into pipelines for continuous code quality checks.
- Automated SW system and end-to-end testing using Azure pipelines.