

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.