



**Sandhya Avhad**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Experience Summary** | | | | | | | |
| * 5+ years of experience in designing & Implement solutions for **Azure infrastructure** with terraform and azure devops . * Created a declarative pipeline to integrate **GIT, Maven, Sonarqube, Jfrog** tools to download the latest package from Maven and deploy to multiple Tomcat servers using **Azure Devops**. * Create & Manage Infrastructure & Configuration with Terraform Docker, PowerShell, and AZDO Pipeline on the Azure Environment. * Troubleshoot Any Failures Related to Infrastructure AZDO Pipelines, Agents, **Docker**, App Service, AD & IAM, Compute resources & hosted Solutions Logs, Networks & NSGs ETC. * Sync ups with the Clients & DEV Team to understand architecture for Provisioning resources with DevOps Practices & IAAC Tools. * Create & Manages AZDO Projects, Git Repositories & Branch Policies & Restrictions, and Terraform Modules. * Set up & manages core azure pipelines & YAML def, configuring Agents for Self-hosted CICD VMs & Docker, VK, Networking, etc. * Document & Deploy solutions to higher Environments, while taking the complete handover & ownership of solutions for maintaining sol, with roll-back strategies in place. * Assist build Teams to implement DevOps Practices & familiarize them with the DevOps and IAAC tools, PR Reviews & Approval, Code Quality Analysis, resolving merge conflicts & re-structuring history with Re-base, cheery pick or reverting commits. * Implemented Automation for Credentials, Certificate, App Registration Management, Monitoring Pipeline & Applications Status & other routine manual activities. * Knowledge Transfer to Dev & Internal Members for the tools like Terraform, GIT, and Network Architectures & assist the team to implement DevOps ways. * Strong Knowledge of Azure DevOps tools * Deployed multiple application on **AKS** via azure pipeline and traditional deployment method, maintained application and troubleshoot the issue | | | | | | | |
|  | | | | | | | |
| **Skills Summary** | | | | | | | |
| **Domain** | | | Azure DevOps Engineer | | | | |
| **Programming Languages** | | | Shell Scripting, Basic Java, Basic python | | | | |
| **Operating System / ERP Version** | | | Linux (Ubuntu, RedHat,), Windows | | | | |
| **Tools /DB/Packages / Framework / ERP Components** | | | |  |  | | --- | --- | | Version Control | **Git/GitHub** | | Collaboration | Teams, ServiceNow | | Build Tools | Maven | | CI/CD Tools | **Azure DevOps** | | Static Code Analysis | **SonarQube** | | Containerization | **AKS, Docker, Kubernetes** | | IaaC | Terraform | | Monitoring | Graphana, Microsoft log analytics | | Databases | Basic SQL | | Cloud Platforms | Azure | | Knowledge of AWS Services | EBS, EFS, S3, VPC, Auto Scaling, EC2, ELB, IAM,Load Balancer | | | | | |
|  | | | | | | | |
| **Professional Certifications/ Trainings** | | | | | | | |
| **Microsoft Azure DevOps engineer expert Az-400**  **Microsoft Azure Administrator Az-104**  **Microsoft Azure Fundamentals Az-900** | | | | | | | |
|  | | | | | | | |
| **Work Experience** | | | | | | | |
|  | | | | | | | |
| **Project 1** | | | | | | | |
| **Project Name** | UPM(Biogas) | | | **Team Size** | | 12 | |
| **Start Date** | May 2022 | | | **End Date** | | Jan 2023 | |
| **Role & Contribution** | Create & Manage Infrastructure & Configuration with Terraform Docker, PowerShell, and AZDO Pipeline on the Azure Environment.  Troubleshoot Any Failures Related to Infrastructure AZDO Pipelines, Agents, Docker, App Service, AD & IAM, Compute resources & hosted Solutions Logs, Network & NSGs ETC.  Sync-ups with the Clients & DEV Team to understand architecture for Provisioning resources with DevOps Practices & IAAC Tools.  Create & Manages AZDO Projects, Git Repositories & Branch Policies & Restrictions, and Terraform Modules.  Set up & manages core azure pipelines & YAML def, configuring Agents for Self-hosted CICD VMs & Docker, VK, Networking, etc.  Document & Deploy solutions to higher Environments, while taking the complete handover & ownership of solutions for maintaining sol, with roll-back strategies in place.  Assist build Teams to implement DevOps Practices & familiarize them with the DevOps and IAAC tools, PR Reviews & Approval, Code Quality Analysis, resolving merge conflicts & re-structuring history with Re-base, cheery pick or reverting commits.  Implemented Automation for Credentials, Certificate, App Registration Management, Monitoring Pipeline & Applications Status & other routine manual activities.  Knowledge Transfer to Dev & Internal Members for the tools like Terraform, GIT, and Network Architectures & assist the team to implement DevOps ways. | | | | | | |
| **Technology**  **&Tools** | Azure Devops, Linux, Azure git ,CI/CD pipelines, Snowflake, App service, Azure Cloud,Yaml | | | | | | |
| |  | | --- | | **Other Experience** | | **Project 2** | | | | | | | | | | |
| **Project Name** | | Regulatory Engine(SaaS Application) | | | **Team Size** | | 11 |
| **Start Date** | | Mar 2020 | | | **End Date** | | May 2022 |
| **Project Description** | | Regulatory engine (SaaS Application) which is provided to various banking institutions for maintaining their reports and calculations | | | | | |
| **Role & Contribution** | | Experience in Cloud Azure (SaaS).  Working on Regulatory engine (SaaS Application) which is provided to various banking institutions for maintaining their reports and calculations.  Handling periodic release/upgrade of the SaaS application on various env’s (prod, dev, staging)  Extracting logs from VM to local for investigation via Azcopy command utility tools.  Hands-on experience with Microsoft Azure Cloud Services, Storage Accounts, and Virtual Networks  Monitoring SaaS-related tools i.e. Grafana, and SMART alerts for checking memory, swap memory, and free memory on the Linux server  Data uploading and data encrypting on the server using WinSCP (SFTP)  Troubleshooting the issues and finding the root causes  Knowledge of TCP/IP networking, SMTP, HTTP, load-balancers, high availability architecture, zero-downtime production deployments  Encrypting files SFTP using Winscp and Kleopatra.  . | | | | | |
| **Technology & Tools** | | Service now, Azure Cloud, Azure VM, AZcopy, | | | | | |
|  | | | | | | | |
| **Project** | | | | | | | |
| **Project Name** | | Antivirus Security | | | **Team Size** | | 30 |
| **Start Date** | | Jan 2018 | | | **End Date** | | Mar 2020 |
| **Project Description** | | Endpoint Security Antivirus | | | | | |
| **Role & Contribution** | | Understand customer’s network setup along with their technical issues and current configuration related to SECURITE EPS/MDM/ENCRYPTION PRODUCT RANGE and provide the utmost technical Resolution to the customer on Call/Chat/E-mail with the assurance that customers are fully satisfied with the resolution provided.  Taking Observations of critical cases and Product Bugs then reporting to the concerned department (i.e. Development Team, Instance Response Team, Malware Analysis Team) for Permanent solutions.  Ability to monitor and escalate system issues impacting services for customers utilizing monitoring technologies.  Knowledge about fundamental concepts, practices, and procedures required for the field of Mainframe, Network, Linux. | | | | | |
| **Technology & Tools** | | Networking, Windows, Linux, Security, Active Directory | | | | | |

|  |  |
| --- | --- |
| **Educational Qualification** | |
| **Education & Credentials** | 2013 - 2016 Bachelor of Engineering (Computer Engineering),  Sinhgad Academy of Engineering Pune  2017-2019 Master of Engineering (Computer Engineering),  Sinhgad Academy of Engineering Pune |