Satheesh P
Mail id: satheeshp4321@gmail.com
Mobile: **+91-7618719387**

Professional Summary:

- Around 5+ years of IT Experience as Azure DevOps /Cloud Engineer with major focus on Software Configuration and Build/Release Management.
- Experienced in Provisioning of IAAS & PAAS concepts of cloud computing and Implementing using Azure, Cloud Platform understanding the principles of (SCM) in Agile, Scrum and Waterfall methodologies.
- Experience in configuring End to End Azure Pipelines for CI/CD to deploy web app, Appservices in Appservice Environment (ASE - v2) and Azure Kubernetes cluster.
- Expertise in Azure Scalability and Azure Availability - Build VMs availability sets using the Azure portal to provide resiliency for IaaS based solution and Virtual Machine Scale Sets (VMSS) using Azure Resource Manager (ARM) to manage network traffic.
- Skilled in writing templates for Azure Infrastructure as code using Terraform to deploy Virtual Machines, OMS Agent extension on VMs, Log Analytics Workspace and Integrated Log Analytics with Azure VMs for monitoring the log files.
- Expertise in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure Automation tools like Git, Bitbucket, Maven, Jenkins, TeamCity, octopus, Chef, Ansible, Terraform, Docker, Kubernetes, Nagios and ELK.
- Skilled in structuring cluster AutoScaler for Azure Kubernetes Service (AKS) using Terraform and worked with scheduling, deploying and managing pods and replicas in AKS.
- Experience in scheduling, deploying, & managing container replicas onto a node cluster using Kubernetes, worked on building K8's run time environment of the CI/CD system to build, test & deploy in an open-source platform.
- DevOps practice for Micro Service and docker based cluster using Kubernetes and spinnaker as Orchestrator on application development for cloud platforms using like Spring boot, Microservices.
- Knowledge of Azure Site Recovery and Azure Backup Installed and Configured the Azure Backup agent and virtual machine backup, Enabled Azure Virtual machine backup from the Vault and configured the Azure Site Recovery (ASR).
- Proficient with Scripting Languages like Shell, Python, Ruby, PowerShell, JSON, YAML, and Groovy scripting languages.
- Experienced in Ansible Tower, which provides an easy-to-use dashboard and role-based access control and in developing Ansible playbooks for managing the application/OS configuration files in GIT hub, integrating with Jenkins, and Verifying with Jenkins plugins, deploying the application in Linux environment.

- Exposure to all aspects of Software Development Life Cycle (SDLC) such as Analysis, Planning, Development, Testing, Implementation, Post-production analysis of the projects.
- Excellent communication, interpersonal skills, analytical skills, quick learner, ability to work in a team environment, virtual team environment, independently and resilience to work well under pressure.

Technical Skills:

Cloud Technology	Azure DevOps, Azure Board, Azure Repos, Azure Admin, Azure Data Factory, Databricks and Microsoft Patching.
Programming Languages	Shell Script, SQL, PowerShell.
Databases	MongoDB, MySQL, Oracle 12
Configuration Management tools	Chef, Ansible, Puppet
Operating Systems	UNIX, Windows 2008 server R2, 2012, 2016.
Version Control	Microsoft VSS, GIT, BitBucket
Defect Management Tools	JIRA
Tools	Source tree, GIT, ServiceNow, PUTTY, FTP
CMS Tools	AEM 6.1, 6.2, 6,4
CI Tool	Jenkins

Professional Experience: MOONRAFT INNOVATION LABS PVT LTD

Role: **Azure DevOps Engineer.**

April 2022 to Present.

Project Name	AXON

Responsibilities:
- Participated in migrating on-premises CI/CD to Azure.
- Responsible for configuring Alert notifications to monitor Heartbeat, CPU and Memory Alerts in Azure Monitor and integrating them with PagerDuty to notify the team.
- Understand the latest features like (Azure DevOps, OMS, NSG Rules, etc..,) introduced by Microsoft Azure and utilized it for existing business applications
- Deploying windows Kubernetes (K8s) cluster with Azure Container Service (ACS) from Azure CLI and Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test and Octopus Deploy.

- Implemented HTTPS Ingress controller and use TLS certificate on AKS to provide reverse proxy, configurable traffic routing for individual Kubernetes services.
- Developed automation system using PowerShell scripts and JSON templates to remediate the Azure services
- Resolved state lock issues in the production environment of Terraform state files in Azure, also being proficient in importing Terraform resources into state files to resolve the issues.
- Managed Azure Infrastructure Azure Web Roles, Worker Roles, VM Role, Azure SQL, Azure Storage, Azure AD Licenses, Virtual Machine Backup and Recover from a Recovery Services Vault using Azure PowerShell and Azure Portal.
- Worked on Jenkins to implement Continuous Integration and deployment into Tomcat/Web Logic Application Server.
- Acted as build and release engineer, deployed the services by VSTS (Azure DevOps) pipeline. Created and Maintained pipelines to manage the IAC for all the applications
- Build docker containers for microservice and deploy in Kubernetes.
- Design Monitoring Dashboards using Appinsights and SOP's for prod Env.
- Extended support for existing product teams on how to integrate CI/CD into development life cycle.
- Written Arm templates to deploy Webapps, Function apps, Eventhubs, Service bus and Automation of API's in APIM.
- Provided status to Business Level management and Technical and conducting Proof of Concept for Latest Azure cloud-based service

Environment:
Java, Azure Devops, Docker, AKS (Azure Kubernetes Service), Ansible, Terraform, Azure AD (Active Directory), Azure SQL, ARM, Azure Storage, Log Analytics, PowerShell, Azure Container Service (ACS), Jenkins, Tomcat Server, Azure Function, JSON, GIT, Linux.
Professional Experience: Prabhudas Lilladher Pvt Ltd
Role: **Azure DevOps Engineer.**

Oct 2019 – FEB 2022.

Project Name	Arval - Motortrade (New Buyer Side)

Responsibilities:
- Deployed Azure IaaS Virtual Machines (VM's) and PaaS role instance s (CloudServices) into secure VNets and subnets, designed VNets and Subscriptions to confirm to Azure Network Limits.
- Worked on Power Shell scripts to automate the Azure Cloud system in creation ofResource groups, Web Applications, Azure Storage Blobs &

Tables, firewall rules and used Python scripts to automate day to day administrative tasks.

- Responsible for configuring Azure Identity Access Management (IAM) for improved login Authentication and created Groups, adding Users and Service Principals to those groups in Azure Active Directory(AD).
- Used Docker and Ansible to build automation pipeline and Continuous Deployment for code using Jenkins and wrote Ansible Playbooks to automate Ansible Servers using YAML scripting.
- Contributed to install SonarQube as a Docker container integrating it with Jenkins and configuring the build process to run code analysis to improve code metrics and quality.
- Worked extensively configuring Azure DevOps Pipeline to pull the latest Docker Images from Docker Hub, tag the image with a Build Number and push the image to Azure Container Registry (ACR) in Azure.
- Designed, wrote and maintained systems in Python scripting for administering GIT, by using Jenkins as a full cycle continuous delivery tool involving package creation, distribution, and deployment onto Tomcat application servers via shell scripts embedded into Jenkins jobs.
- Deployed windows Kubernetes cluster with Azure Container Service (ACS) from Azure CLI and Utilized Kubernetes and Docker for runtime environment of the CI/CD system to build, test and deploy.
- Version controlling of the production ready code using Azure Repos, GitHub
- Configured Jenkins as a build engine to build and deploy applications to DEV, QA, UAT and PROD environments.
- Involved in Jira as defect tracking system and configure various workflows, customizations, and plugins for Jira bug/issue tracker integrated Jenkins with Jira, GitHub.
- Built and managed a highly available monitoring infrastructure to monitor different application servers like JBoss, Apache Tomcat and its components using Nagios.

Environment:
Python, Docker, Ansible, AKS (Azure Kubernetes Service), AD (Azure Active Directory), Azure CLI, VSTS, ACR(Azure Container Registry), Jenkins, SonarQube, Azure Repos, GITHUB, IAM, Jira, Nagios, Shell Script, Agile, Windows.

Professional Experience: Ventech Software Solutions Pvt Ltd.

Role: **Software Engineer.**

April 2018 to Oct 15th 2019.

Responsibilities:

- Implemented Azure Kubernetes service to deploy a managed Kubernetes cluster in Azure and create an AKS cluster in the Azure portal, with the Azure CLI.
- Created continuous integration system using Gradle, Jenkins, Chef, Continuous Integration, faster and flawless deployments.
- Working as cloud Administrator, involved in configuration for Web apps/Function apps, V-net integration, HCM, Application gateway, App Insights, Active directory, Azure Key Vault, Encryption and Security on AZURE using ARM templates and PowerShell script.
- Setup Azure Virtual Machines (VMs) to meet security requirements like software-based functions (firewall, WAN optimization and intrusion detections).
- Worked on Serverless services, created and configured HTTP Triggers in the Azure Functions with application insights for monitoring and performing load testing on the applications using the Visual Studio Team Services (VSTS)·
- Used Azure Terraform to deploy the Azure infrastructure necessary to create development, test, and production environments for a software development project.
- Created development and test environments for different micro services by provisioning Kubernetes clusters on Azure using Docker, Ansible, and Terraform.
- Managed Maven environment by setting up local, remote and central repositories with required configuration in maven configuration files.
- Using Docker Images, Docker file, Docker Hub, Docker Compose and Docker registry.
- Written Chef Cookbooks and recipes in Ruby to Provision several pre-prod environments consisting of Cassandra DB installations, WebLogic domain creations and several proprietary middleware installations.
- Wrote global maven-based parent/super POM project for settings up standard across projects.
- Monitored distributed and multi-platform servers using Nagios.
- Initiated puppet master, client and wrote scripts to deploy security patches on Dev, QA, and Prod environment.

Environment:

Azure Devops, Docker, Azure Resource Manager, Azure Key Vaults, Azure CLI, Azure functions, App Insights, HTTP, JSON, Terraform, Maven, Chef, WebLogic, Nagios, Puppet, GIT, Jira, Microservice, Java, PowerShell, Agile, Linux.

Education:

ACADEMIC CHRONICLE

EXAM / DEGREE	YEAR			PERCENTAGE / CGPA
B.Tech (ECE)	2013			65%
Intermediate(MPC)	2009			60%
SSC	2007			75%

PERSONAL INFORMATION

Name   : Satheesh P

Father's name   : P jayachandra Naidu

Nationality   : Indian

Date of Birth   : 01/07/1992

Gender   : Male

Marital status   : Married

Current Address : Flat no 302 Indraprastha apartment kodigehalli alfa garden 5th cross right Bangalore

DECLARATION

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

Date:20/07/2023

Place: Bangalore   **(Satheesh P)**