P Chandu Prasad

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**94946-56984**

# DevOps & Infrastructure Engineer

Detail-oriented, organized, and meticulous employee. Works at a fast pace to meet tight deadlines. Enthusiastic team player ready to contribute to company success.

**Skills:** Azure, AWS, DevOps, Windows, GitHub, Terraform, UiPath, Docker, Jenkins

**Certifications:**

* RPA Infrastructure
* AWS Cloud Practitioner
* Azure Infrastructure Engineer

**Professional Summary:**

* Having 3+ years of experience In the IT Industry.
* Have experience with Multi-Cloud technologies such as AWS, Azure, Orchestrator (UiPath), and DevOps engineering abilities.
* Configured the Amazon DataZone to see the catalog in the portal using Athena, Glue, and S3
* Build and release definition configuration and enable triggers forCI and CD Pipeline.
* Actively working on Amazon DataZone, EC2, S3, IAM, ELB, Auto scaling, Cloud watch, Route 53, S3, Cloud formation, Cloud trail.
* Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs, and subnets.
* Handled Version Control System GIT administration, created repos, branches, and tags, and resolved merge conflicts.
* Experience with CI/CD pipelines and automated deployment strategies using Jenkins
* Resizing the OS and data disc to the appropriate size, as well as attaching and removing data drives from virtual machines.
* Author on Azure Advisors, Cost Optimization, and Cost Management.
* Granting the automation user, folder administration, and Robot access for the Unattended Process after setting up the Robot account with Windows credentials.
* Actively working on IAM to create new accounts, roles, groups, and policies, Understanding of secure-cloud configuration, cloud-security technologies and cloud-permission systems (IAM).
* Ability to identify and gather requirements to define a solution to be built and operated on AWS.
* Establishing alert setup and infrastructure monitoring tools
* Employing cloud watch events to capture snapshots of the EBS volume.
* I developed AWS Multi-Factor Authentication (MFA) for RDP/SSH logon.
* Knowledge of Containerization Orchestration tools such as Kubernetes and containerization tools such as Docker.

**WORK EXPERIENCE:**

**PeopleTechGroup Private Limited Feb 2022 - present**

**Project title: CPRS**

**Responsibilities with Azure/AWS:**

* Configured the Amazon DataZone to see the catalog in the portal using Athena, Glue, and S3
* Build and release definition configuration and enable triggers for CI and CD Pipeline.
* Maintaining MFA and AWS user accounts with fine-grained access control (IAM). Creating public and private subnets in VPCs, routing tables, security groups
* Employing AWS Cost Explorer and Trusted Advisor to ensure efficient resource usage and apply cost optimization strategies.
* Using AWS Backup and Amazon S3 to design and deploy disaster recovery and backup plans.
* Setting up and maintaining route tables, security groups, subnets, and AWS VPCs to guarantee network connectivity and security.
* Setting up AWS CloudWatch, CloudTrail, and AWS Config for monitoring and logging.
* To maintain safe access controls, create and manage AWS IAM users, roles, and permissions.
* Well-versed in AWS Cloud Technologies, including Auto Scaling, Cloud Formation, Cloud Watch, Cloud Trail, Cloud Front, S3, IAM.
* Having experience in Azure technologies and developing distributed systems using Jenkins.
* Knowledge of Version Control System GIT
* Have experience with performing support and administrative tasks within Azure Infrastructure technologies.
* Have experience deploying, maintaining, and managing secure systems.
* Knowing IP networking, VPNs, DNS, and load balancing.
* Designed and configured Azure Virtual Networks (VNets), subnets, Azure network settings, DNS settings, and security policies.
* Worked on Azure Advisors, Cost Optimization, and Cost Management.

**Responsibilities with UiPath:**

* Creating a Tenant, adding users, allocating licenses (Automation Dev, Citizen dev, and Testing dev), and managing their roles and accounts.
* Test Manager integration via Azure pipeline between UiPath studio and Orchestrator.
* Configuring the Robot account with Windows credentials and allocating the automation user, folder administration, and Robot for Unattended Process.
* Adding machines like Machine templates, elastic robot pool, and standard templates. Configuring the robots with UiPath assistant using machine key and client ID.
* Setting up a tenant, adding users, assigning licenses (Automation, Citizen, and Testing), and controlling the roles and duties of each.
* Setting up the Azure virtual machine (VM) robot that will be activated by the orchestrator.
* Including machines such as elastic robot pools, machine templates, and standard templates. using the machine key and client ID to configure the robots with the UiPath assistant.
* Setting up Robot for Unattended Process and using Windows credentials to configure the Robot account and for an attended process and manually executing it within the orchestrator.
* Project cost estimation experience.
* Managing the administration of the Druid chatbot and integrating it with Microsoft Teams and the UiPath Orchestrator.
* Configuring Test Manager and Process mining in the environment.

**BlinkinTechnologies Private Limited Nov 2021 – Feb 2022**

**Project title: Claim Insurance Portfolio**

**Client: Wilo**

**Responsibilities:**

* Created an Openvidu server, installed and configured Redis storage.
* Attaching and Detaching data disk to Virtual Machines and Resizing the OS and Data disk as per the required size.
* Worked on Azure Advisors, Cost Optimization, and Cost Management.
* Monitoring Performance Metrics, Resource Health & Diagnostic Logs to connection troubleshoot.

**Education:**

B.Tech JNTU-K, 2018

**Declaration**

I hereby declare that all the information provided above is true to the best of my knowledge.

**(**ChanduPrasad.P**)**