

# FULL NAME: Pravallika Balusu

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**High Level Summary:**

* IT Cloud with 3 years of experience and a strong grasp of Cloud Computing IaaS fundamentals and experience in designing and implementing solutions is looking for a similar role and position in a progressive organization.
* Good knowledge on Azure costing.
* Good knowledge on SQLDB.
* Good knowledge on Azure Active Directory..
* Strong foundation knowledge on Azure cloud services.
* Configuring Network Security Groups (NSG’s) to control inbound and outbound access to network interfaces (NIC’s), VM’s and subnets.
* Experienced in creating multiple VPC’s and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
* Involved in writing python API for Amazon Lambda to manage some of the AWS services
* Experienced in creating multiple VPC’s and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
* Involved in writing python API for Amazon Lambda to manage some of the AWSservices.
* Used security groups, network ACL’s, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
* Created and configured r and sagemaker].
* Created S3 buckets in the AWS environment to store files, sometimes which are required to serve lambda.
* Creation and configuration of readshift
* RDS database is connected to Quicksight (Visualization purpose)
* Used AWS Recognition for deployed AI purpose.
* Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
* Possess good knowledge in creating and launching EC2 instances using AMI’s of Linux, Ubuntu, RHEL andinstance.
* Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS account and its resources

**TECHNICAL SKILLS:**

* **Cloud Infra:** Amazon web services EC2, S3, ELB, EBS , Auto scaling , VPC, Cloud Front, Cloud Watch , Cloud Trail , IAM, SNS, IOT Core, Lambda, AWS Recognition, Sage Maker, Quick Sight, Transcoder .
* **Microsoft (Azure):** Azure Active directory, Users, Subscription, Azure storage, Azure Function, Azure Machine Learning , Azure SQL, Azure App Service , Azure IOT –Hub , Azure Virtual Network, Azure Virtual Machine, Azure Data Factory, Azure Data Bricks
* **Operating System:** Windows Suite, RHEL, CentOS,Ubuntu
* **Database:** AWS RDS, DynamoDB, Redshift, AzureSQL
* **Dev Ops:**, Git, Jenkins, Docker,
* **Monitor Tools:** Nagios.
* **IOT**: Raspberry Pi3

**PROFESSIONAL EXPERIENCE:**

# Company/Employer Name: INTEGRATED DATA SYSTEMS LIMITED, Hyderabad, India Role: Cloud Engineer

**Dates: Feb 2017 to Feb 2020**

* + Responsible for architecting, designing, implementing and supporting of cloud-based infrastructure and its solutions.
  + Managing Amazon Web Services (AWS) infrastructure with automation and orchestration.
  + Proficient in AWS services like VPC, EC2, S3, SNS, EBS, Dynamo Db, IAM, Cloud Formation and Cloud Watch. Experienced in creating multiple VPC’s and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
  + Involved in writing python API for Amazon Lambda to manage some of the AWS services.
  + Used security groups, network ACL’s, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
  + Created and configured Transcoder and sagemaker].
  + Created S3 buckets in the AWS environment to store files, sometimes which are required to serve lambda. Used AWS Recognition for deployed All purpose.
  + Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based onrequirement.
  + Possess good knowledge in creating and launching EC2 instances using AMI’s of Linux, Ubuntu, RHEL andinstance.
  + Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS account and its resources.
  + Maintained the monitoring and alerting of production and corporate servers using CloudWatch service.
  + Created EBS volumes for storing application files for use with EC2 instances whenever they are mounted to them.
  + Experienced in creating Dynamo Db responding to requests.
  + Created snapshots to take backups of the volumes and also images to store launch

configurations of the EC2 instances. Strong knowledge in IAM Creation and Iam Roles, Polices.

* + Strong knowledge in AWS recognition using AWS cli to recognize theMLpart.
  + Strong hands on experience in configuring AWS RDS, Redshift Databases.
  + Strong hands on experience configuring with IOT device (raspberry Pi 3).
  + Strong Knowledge on configuring AWS SageMaker.
  + Strong Hands on Experience with video Stitching using AWS Transcoder.
  + Worked on Virtual Machines and Compute Instances: Create, Edit, Delete the VMs in both Classic models. of the SQL databases, Managing Backup strategy, Access Controls Configuration of Azure Storage Accounts in Classic.
  + Configuring Role-Based Access Control for Organization: AzurePortal.
  + Expert in role-based access control for production and non-production with resource group.
  + Access control for resource group eliminating and hiding production resource group to right user.
  + AAD User groups for subscription management to reduce risk management for users.

Azure SQL adding set firewall rules for right access to users to secure.

**Environment:** AWS (EC2, VPC, IAM, S3, EBS, S3, Dynamo DB, ELB, Cloud Watch, AWS Auto Scaling, Lambda, AWS CLI, Linux, , AWS Rds, Redshift, AWS Quick Sight, AWS Recognition, Sns, SQS, Docker, Ansible, Jenkins, Git, Azure storage, , Azure SQL, Azure Virtual Network, Azure Virtual Machine, Azure Active directory Users, Subscription Management.

# Project#1 : Telecom Analytics Client Name: Konnect One. (USA) Role: Cloud Support.

**Dates: Nov 2019 to Jan 2020**.

**Skills Used:** Azure Active Directory, Azure Function, Azure SQL DB, Azure ML Azure App Azure storage Account

# Responsibilities:

* + Create a user’s in add and assign the roles in directory level access and same user assign the roles in subscription level in IAM role assignments, created azure active directory users,
  + Created azure subscription account, assigned role assignment and directory roles for users, created user groups in AAD.

# Project#2: IOT Tracking Sensor. Client Name: Glovsion.

**Role: Cloud Support**

**Dates: Jun 2019 to Aug 2019**

**Skills Used:**

Azure IOT Hub, Azure Function, Azure SQL, Azure Active Directory, Azure Virtual Network.

# Project#3: Face Recognition with IOT Role: Cloud Infra.

**Dates: FEB 2018 to Aug 2018**

**Skills Used:** AWS Iot Core and AWS lambda, AWS Recognition, AWS SNS AWS S3, AWS SQS AWS IAM, AWS, Dynamo db Pre-Signed URL Request in S3.

**Description:**

Recognizing faces using Raspberry pi3 and captured faces will be sent to AWS S3 bucket

sends trigger to AWS lambda, and sends to AWS RDS , for stores face attributes and final sends to AWS SNS

# Project#4: – IOT & AWS tracking att (Intel open vino) (School Attendance) Client Name: Intel

**Role: AWS infra**

**Dates: July 2017 - OCT 2017**

**Skills Used:** AWS Iot, AWS Recognition, AWS RDS (MY SQL), AWS Quick sight, AWS EC2, RDS,Security Groups)

**Description:**

Recognizing faces using camera to capture the faces with attributes with confidence ratio and storing the face attributes in AWS RDS, and visualizing the data in Quick Sight and mobile App

**EDUCATION , CERTIFICATION & ACHIEVEMENTS :**

B. Tech (CSE) From Sree Vahini Institute of Science & Technology JNTU, Kakinada

Aws Certified Solutions Architect –Associate (Training Completed).

Microsoft Certified Azure Administrator-Associate (July-18 2020 to July-18 2022).

Dev Ops (Training Completed)