Vimalkanth A V R

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- **Total 3** years of IT experience with relevant experience.
- Good Knowledge on **Python** Programming.
- Experience with python modules like **Boto3**, **Pandas**, **NumPy**, Json, Csv, requests, io etc.
- Experience on AWS services like S3, Lambda, Glue, DynamoDB, SNS, SQS, QuickSight and Athena services.
- Experience in Infrastructure on AWS using API Gateway, Cloud Watch and Developer Tools like Code Commit and Code Pipeline.
- knowledge on AWS Databases like PostgreSQL – Aurora DB & DynamoDB.
- Storing encrypted information in AWS services like Parameter Store & Secret Manager.
- Familiar with Source code Management tool Git& Code Commit.
- Good knowledge on source controller concepts like Branches& Merges.
- Writing Python Scripts and deployed in AWS Ecs-Fargate and Lambda services.
- Automating the application deployment in Dev, QA, UAT, Pre-Prod and Production environments.
- Good in troubleshooting the bugs generated during build and release.
- Experience in writing, creation and manipulation of Database and Schema objects like Stored Procedures, Functions, Views and Joins statements.
- Worked on integrating GET and POST APIs with Python applications using AWS API Gateway.

Primary expertise	Methods/Tools
- Python - AWS **Domain:** Finance and Media. **Project Model:** Agile	**Database:** MY SQL, AWS DynamoDB, AWS Athena, MongoDB, Azure Cosmos DB, Cassandra DB. **Version Control Tools:** Code Commit & GIT. **Scripting Languages:** Python. **Cloud:** AWS **Operating Systems:** Linux &Windows. **Database Management Tools:** Mongo compass, Azure Data studio, DBeaver, Studio 3T & NoSQL Workbench. **IDE:** VS code, PyCharm & IntelliJ IDEA. **Project management tools:** Jira.

Professional Experience

Offshore – Associate| MSFT-ZEE-OTT-Migration – SEP 2023 – JUN 2024

Description:

   Zee Entertainment Enterprises (ZEEL) is an Indian media conglomerate. As a part of data team Where we migrated the data from AWS to Azure and to ensure a seamless transition and data integrity.

Responsibilities:

- Performed CURD Operations in MongoDB Database Using Python Script.

- To Export, Imported and executed SQL statements in both SQL production and development environments.

- Hands-on Experience on Setting up the MongoDB server in Linux machine.

- Utilizing Linux Machine Configured and deployed a MongoDB cluster (Sharding) in a virtualized environment, optimizing for high availability and scalability.

- Successfully orchestrated the migration of MongoDB datasets, ensuring a smooth transition from the source to the target environment with zero data loss.

- Designed and implemented a comprehensive dashboard for monitoring the migration of transcoded data from AWS to Azure, ensuring seamless transition and data integrity in a multi-cloud environment.

- Using Azure Power BI for real-time monitoring and validation during data migration initiatives, enhancing project transparency and decision-making efficiency.

- Actively supporting the team through proactive engagement in continuous learning of new databases such as Scylla, Solr, MySQL, and PostgreSQL.

Offshore – Programmer Analyst| OFG(Chello) JAN 2022 to AUG 2023

Description:

OFG is a leading Bank in US. They want to build a Digital Bank called CHELLO. CHELLO Bank Offers loan to organizations like Hospitals and personal loan to doctors. As a part of a data team where we collaborate with different teams to handle the data coming from various third-party vendors.

Responsibilities:

- Model building to integrate Python with AWS services as per requirement.

- Data Analysis using Python-Pandas & NumPy.

- DynamoDB CRUD operations using python and creation of DynamoDB Tables using NOSQL workbench.

- Having hands-on on integrating AppDynamics with Python applications (Lambda & Fargate).

- Having hands-on on building Quick sight Datasets, Dashboards and Deployment Process.

- Deployment of applications with the help of Infra Team.

- Monitoring the deployed services closely.

- Responsibility of Unit testing after code deployment.

- Maintains a document of all Unit test cases logs for future reference.

- Co-ordinating with different teams depends upon the project or requirement.

- Maintain a Jira to create/update requirement tasks in the project.

- Work on ETL based AWS services like Glue with Python.

- Bug and fix the issues while developing / deployment the applications.