Saquib Jawed

Python & Django and AWS Developer



# Professional Summary:

* Possesses a total IT industrial experience of 4+ years.
* Technically proficient individual having strong proficiency in :-

- AWS (S3,Lambda, EC2,DynamoDB,API Gateway,Cognito)

* Python ( Flask, Pandas, Numpy, Scipy etc)
* Django (REST Framework,Token Authentications including JWT, etc)
* Database (PostgreSQL, SQLite3)
* Heroku, Docker, etc
* Used Jenkins as an AWS code deploy plug-in to deploy to AWS. Experience with DevOps methodologies, implementing CI/CD Pipelines using tool sets like GIT, Jenkins, Chef and AWS.
* Working as AWS Cloud Engineer in Eagle in Cloud from November 2019.
* Worked as Python Developer at Mobirizer Services from July 2017 till Oct 2019.
* Experience in developing applications using cloud AWS, Python, S3, Lambda functions, Dynamo DB, SNS, SQS.
* Self-motivated & team-motivator, proficient communication skills aided with a positive and ready to learn attitude.
* My efforts have been recognized for Knowledge sharing and exceptional contributions during Python/Django training in Mobirizer services and during technical meetings in Eagle in Cloud while working.
* Configured the Models and design the database.
* Integrated data from various backend services and Sqlite3/PostgreSQL database
* Create Models, Static and Dynamic webpage.
* Helped the team in maintaining, expanding and scaling website.
* Write Docker File and Docker Compose for the programs.
* Hosted programs on Heroku using docker or normal methodology.
* Goal-oriented, autonomous when required, good learning curve and appreciation for technology.

**Skills Snapshot:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Technology Stack** | ***AWS:*** Lambda Function, S3, DynamoDB, SQS, SNS, API Gateway, RDS, - etc.  ***Python:*** Python3, Pandas, Numpy etc.  ***Django:*** REST Framework, Token Authentications including JWT etc)  Devops: Git, Jenkin, Chef Kubernetes  Monitoring Tools: Cloud Watch, Nagios |  |

**Education:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Examination | Board/University | School/college | Year of passing | Percentage |
| B. TECH | SHUATS | SHUATS | 2017 | 80.6% |
| Intermediate | BSEB | Patna High School | 2012 | 66.6% |
| Secondary School | CBSE | A.V.N. Public School, Patna | 2010 | 66.2% |

**Professional Experience:**

**Migration Project**

Migration project where we need to migrate tool from Informatica to AWS Lambda Python Pandas. We have created lambda(Python code) to convert the informatica SQLs to python pandas code.

**Accomplishments include:**

* Designed the approach of the problem statement. scenario.
* Identified the tools to be used such as AWS Lambda, Pandas.

## Django Developer - Quick Snapshot Application

A Django-Pandas integration application to give overview of a spreadsheet like number of entries,max entry, min entry, duplicate entries, file size, etc.

## Accomplishments include:

* Able to process large files of up to 400 MBs quickly.
* Support processing of both CSV and Excel files.

## Python Developer — Healthcare Domain

Worked in healthcare domain, as per the requirement created a python utility to query the refined zone data of cloud from on premise and prepare a queriable environment so as to be shared across data analyst. Also enabled parallelism using Asyncio.

## Accomplishments include:

* Designed the approach of the problem statement. scenario.
* Identified the tools to be used such as S3select, Asyncio and pandas. ● Integrated all the different divisions into a Web UI to ensure one click operation using Tkinter.

## AWS Python Architect — Migration Accelerator

Migration Accelerator is one of a kind platform leveraging users/customers to migrate the bigdata application to public cloud like AWS. Our accelerator supports different aspects of migration such as Data, Workload, Meta- store, Security/Governance, Orchestration Migration.

## Accomplishments include:

* Architecture design for each section to make sure a smooth migration considering the Big Data scenario.
* Played a key role designing the pipeline and its components.
* Integrated all the different divisions into a Web UI to ensure one click operation.