|  |  |  |
| --- | --- | --- |
| **AISHWARYA PATWARDHAN**  **aishwarya\_patwardhan@persistent.com**  **Aishpat8@gmail.com**  **MOBILE NO- +91 7798739840** | |  |
| **Profile Summary**   * Practitioner of GCP. * Practitioner of AWS. * Worked on many AWS services such as EC2, S3, Cloudwatch ,Lambda, MySQL, ELB, VPC etc. * Developing in depth knowledge on Python. * Practitioner of ServiceNow platform. * Good understanding of relational database MySQL and non-relational database MongoDB. * Have knowledge of Docker and Kubernetes. * Hands on front end languages such as HTML and CSS.   **Certification**   * AWS Certification done for AWS Cloud Practitioner.   **Work Experience**  Persistent Systems Limited Pune, India – 10 Sept 2018 till date as a Software Developer.   * Working on Cloud Brokerage Managed Services(CBS) project in GCP team. * Worked on the ServiceNow project. * Worked on the Project Thermofisher datalake pilot in BigData BU.   **Education**  Bachelor of Engineering​​ (Information Technology) - June 2018 -  Cummins College Of Engineering For Women, Pune (CCOEW)  HSC – June – 2014, Marathwada Mitramandal College of Science, Pune  SSC – June - 2012 | **Key Skills and Knowledge**  AWS  GCP  ServiceNow  Python3  HTML  CSS  Core Java  **Tools**  Pycharm(Python)  Visual Studio Code  Eclipse IDE  MySQL Workbench  Docker  Kubernetes | |

**Project Details**

**1)Cloud Brokerage Managed Services(CBS)**

**Client:** IBM

**Role**: Software Developer

* The project is about provisioning services of different cloud platforms available like AWS, GCP, Azure, Service Now, Alybaba, etc through a single multi cloud management platform.
* Also managing the cost and assets of all the cloud platforms using the micro services architecture.

**Responsibilities**:Defect fixing, Story fixing, Unit test coverage, Fixing code smells, Documentation

**Environment**:Python, GCP cloud, GitHub,JIRA, Docker, Kubernetes

**Contribution**:

* + - CAM Defect Analysis and Defect Fixes
    - Fixed code smells
    - Unit test coverage
    - Coordination with client
    - Worked on defect discrepancies between the GPD and GCP export data and prepared

the complete documentation on all the analysis and observations done on it till the

final resolution on it.

* + - Documentation for CAM GPD file creation, provider onboarding, provider account metadata and account creation.
    - Documentation on roles and permissions required to enable while using GCP services.
    - Generating GPD(generic format) files monthwise by passing payload and running scripts.
    - Created Documentation on GPD creation for 1 day.

**2)ServiceNow Project**

**Client**: Internal

**Role**: Software Developer

* The Project was to integrate servicenow from outside of serviceNow using serviceNow API. The aim of project was build an application locally which communicates with serviceNow with user having to go on serviceNow.

**Responsibilities**:

* Implementing Budgeting in ServiceNow, Integrating Budgeting of serviceNow using Flask application, so whenever a user orders something it will showcase remaining and actual budget as well as prediction of expense in ServiceNow
* Writing service layer in python which talks with serviceNow on behalf of user, Scheduled Jobs and scripts for Expense allocations and for Budgeting.
* Writing Scripted REST API in serviceNow for the same and writing Dockerfile for service layer and writing yaml files for kubernetes deployment and services.
* Documenting the important components of serviceNow.

**Environment**: ServiceNow, javascript, python, Kubernetes, Docker.

**ServiceNow Project**

**Client**: Internal

**Role**: Software Developer

* The POC aims to create a service catalog item for provisioning Virtual Machine from AWS and providing details of that VM to the users who requested it as soon as it gets approved from approver assigned to that user.

**Responsibilities**:

* Creating Catalog Item for a specific service so that user can request it. Creating workflow for that specific Item.
* Writing Scripts for workflow in  serviceNow. Implementing Dummy VM provider so that it should not generate actual cost in AWS.
* Integrated Email approval in this POC for Approver’s approval, so that approver need not have to go to portal for approving request.

**Environment**: ServiceNow, javascript

**3)Thermofisher Datalake Pilot**

**Client**: Thermofisher

**Role**: Software Developer

**Responsibilities**:

1. I developed a utility in Java. Giving input file, the utility generated mapping files in yaml format as the output which was used for CDC merge in the project.
2. Created mapping files,Lambda functions and testcases in lambda. Used basic AWS services like EC2, S3, Cloudwatch, Lambda, Athena, Redshift in the project.
3. Documentation of the entire project.

**Environment**: AWS Platform, Python3

**College Projects:**

**TE Project:**

###### Developed a website named coffee shop management.

###### DBMS project - Coffee shop management.

Front end used was HTML and back end was mongo DB.

Analysis was done based on which coffee is preferred more

by the customers. Based on the analysis, certain offers were

there to attract the customers.

## BE Project:

### Team Size: 4

### Domain: Data mining

### Languages Used: Java,HTML

### Problem statement: Analysis of road traffic fatal accidents using data mining techniques.

## Summary:

Phases of the project: Training, testing and Detection.

We used the accident dataset of 5000 entries.

Based on certain parameters in the dataset such

as vehicle type, no of lanes, type of road, no of

pedestrians, persons in vehicle, person is drunk or

not, careful analysis was done.

Algorithm used: Neural networks

Finally, the prediction was done that whether accident will happen or

not. User will enter all the entries and finally he/she will get the output in the Yes/No format.