Madhura Kamble

Statusneo

Aws Data Engineer

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Profile Summary

- **Big Data professional** with total **4.2+ years** of experience in **Data Engineering & backend python developer.**

Technical Skill Set	
Technologies	**Python 3.x, boto3 ,PySpark**, FastAPI, Django, Flask.
Cloud Technologies	**AWS S3, AWS Lambda, AWS Glue, AWS Redshift**
Core Databases	MySQL, SQLserver, PostgreSQL, MongoDB
Tools/ IDE	Pycharm and Docker
Agile Tools	Azure Devops, Jira
Source Control Tools	Azure Devops Git, GitHub

Work Experiences and Major Assignments	

Innerbit Technologies – Aws Data Engineer (Dec'13/2019- 7'oct/2022)	
1. Project Name: Analyzing and Processing Insurance Data	
Description:	In mentioned project, the initial data accessed from on-premise Postgres server to raw layer (Landing Layer) s3 bucket using AWS database migration service. When data is entered into s3 bucket, it triggers lambda function, which in turn calls glue job. The glue job clean and process data as per the requirement of business team. The pre-processed data then written into s3 bucket called curated layer (Transformed_Data_Bucket). The crawler in glue is used to create the data catalogs of data in S3 bucket. Data catalogs contain the databases and tables which we will replicate on Redshift DB for further querying analysis.
Role & Responsibilities	Engaged in module analysis, design, and effective collaboration through questionnaire sessions. Played a pivotal role in project estimation, conducted thorough code reviews, and actively contributed to project status meetings. worked on AWS glue for retrieving and processing data.

StatusNeo Technology Consulting, Gurgaon – Consultant (Oct'10 /2022–Present)	
Project Name: Resume Parser – HR 360 Platform	
Description:	PeopleFirstPlatform, part of RIL, simplifies job applications by allowing candidates to easily create profiles and upload resumes. To cope with the high volume of daily resumes, our application streamlines HR processes. Using Fast API Swagger UI, HR submits resumes and job descriptions, triggering a series of tasks. These tasks, powered by Celery in four repositories, include Section Detection, converting data to .tsv format, Entity Extraction storing information in MongoDB, and JD Parser extracts relevant data from JD and stores into MongoDB. The jdcv_match task uses MongoDB data to generate a Skill Matching Score, delivered to HR via an API. Containerized for efficiency using Docker, our services are deployed, and Docker

	images stored in Azure container registry, ensuring a seamless and organized workflow.
Role & Responsibilities	Worked with different teams to improve the system based on their suggestions. Helped solve problems, ensuring everyone works together smoothly. Managed putting the system in place and made changes as needed by customers and the project.

Project Name : 2.Enhancing MLflow-Authentication

Description:	The aim of this project is to explore various engineering systems for the deployment of deep learning/ machine learning models. In the MLflow project, I took the lead to enhance it. I focused on boosting security by building an authentication system. Using Python, I created tools that stopped unauthorized users from accessing the app. With Flask, I managed user access to make the app more secure.
Role & Responsibilities:	Sprint Planning, Pick up the User Story, Created a system that stops unauthorized users from entering the app using Python Decorators. Managed user permissions and access using Flask to increase security.

Project Name :3.Label Studio - Authentication Enhancement, User Access Management

Description:	Led the enhancement of the authentication system within the Label Studio project. Implemented robust user access controls by leveraging Django's authentication framework and applying decorators to restrict API access for non-admin users. This security enhancement bolstered the overall data integrity and confidentiality of the system.
Role & Responsibilities:	Spearheaded the design and implementation of the authentication enhancement. Utilized Django's authentication features to ensure secure user access.Employed decorators to enforce API access restrictions exclusively for admin users.

Education

Bachelors in computer Applications From Bharti Vidyapeeth Pune University From Yashwantrao Mohite Institute of Management ,Karad **CGPA 8.84**(Jun '2017-Sep '2020)

Personal Details

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