SELLAMUTHU SURULI (1) Featured

Senior Software Engineer seeking roles in Software Engineering using Python, Spark, Bigdata, AWS, Data Analytics and cloud



Current Designation: Senior Software Engineer Total Experience: 8 Year(s) 0 Month(s)

Current Company: Agilisium Consulting Pvt. Ltd Notice Period: Currently Serving Notice Period

Current Location: Chennai Highest Degree: MCA [Computers]

Pref. Location: Coimbatore, Chennai

Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Married

Key Skills: Senior Software Engineer/Developer,Software Engineering,Software Development,Application Development,Project Management,Change Management,Defect Management,Quality Management,Requirement

Gathering, Big Data, Spark, Python, AWS

Verified: Phone Number | Email - id

Last Active: 18-Jan-21 Last Modified: 18-Jan-21

Summary

- * Having 8 years of experience in Data Engineering, Application development and scripting using Python, PySpark, Databricks and AWS technologies.
- * Having experience on working in client places and contributed on requirements gathering, analyzing, coding and deployment.
- Having 2+ years of working knowledge on Data Engineering using Databricks and AWS services.
- * Having broad technical knowledge in AWS services S3, AWS Lambda and Redshift...
- * Having knowledge in Oracle, RedShift, and SQL Servers.
- * Having technical knowledge in Web technologies and Web Servers like Zope and Apache
- Ability to work in cross platforms like Java
- * Good communication & interpersonal skills with proven abilities in resolving complex software issues.

Work Experience

Agilisium Consulting Pvt. Ltd as Senior Software Engineer

Oct 2018 to Till Date

Project 1: GDNA Sales

Client Name: Amgen Inc. Duration: August 2019 to till date

Role: Sr. Software Engineer / Python Spark Developer

Description: Amgen Inc is an American multinational biopharmaceutical company. They were sold their products in many countries. GDNA (Global Data and Analytics) is the generic business name for Amgen to define their business sales across the global. The Sales data may come from different environment and mediums (S3, SFTP, File, Salesforce, Databases, etc..). Then will apply the transformation and business rules and finally deliver the data for business use in Delta Lake and redshift. We used Databricks clusters to compute the data.

Technology used: Databricks, PySpark, Python, Delta Lake, Redshift, Airflow and Gitlab.

Roles and Responsibilities:

Get the data from different sources like Oracle DB, S3 and SFTP.

Extract data and apply business logics using Spark.

Creating Airflow jobs for files download and extract on scheduled times.

Maintain security and data privacy.

Deployed the project codes in Gitlab CI/CD pipelines.

Ensure that the reporting quality is maintained.

Provide support to other team members.

Work individually and as part of a cross-organizational data science team.

Capgemini Technology Solutions India. Ltd as Consultant

Nov 2017 to Oct 2018

Client Name: TransUnion Duration: Nov 2017 to oct 2018

Role: Sr. Software Engineer / Python Developer

Description: This project is a one part of TransUnion Credit bureau company. There are various bureau (global information companies) (internal and external) involved in this product. This helps the customer on Decisioning their customer based on the information(data) by globally. This provides the credit score and eligibility of the individuals/organization.

Technology used: Python, Oracle, Jenkins.

Roles and Responsibilities:

Developed python scripts on score model creation and extract reports generation

Simplified and Automated some complex existing modules logic.

Maintain security and data privacy.

Deployed the project codes in production using Jenkins pipelines.

Ensure that the reporting quality is maintained.

Provide support to other team members.

Cognizant Technology Solutions India. Ltd as Associate

Aug 2015 to Nov 2017

Project 4: Automation on Infrastructure services

Client Name: Travelers indemnity Company

Duration: Sep 2016 to Nov 2017

Role: Sr. Software Engineer / Python Developer

Description: This project is focused to automate the infrastructure services which is being done manually for Travelers indemnity Company in Various departments like Linux Eng., Wintel Eng., Wintel Infra., Storage activities etc. This will reduce the time and cost and make the system more efficient in performance. I have written scripts in python with Linux and windows environment to achieve the goal of Automated services in the business.

Technology used: Python, Shell scripting, Perl, Power Shell.

Roles and Responsibilities:

Developed many Python, Shell and Perl scripts to automate the infra services.

Also worked on some infrastructure support tools like puppet

Automated the storage archive process to AWS S3 using Python, Boto3 services.

Maintain the coding standard and written reusable scripts.

Deployed the project codes in production servers.

Ensure that the delivery quality is maintained.

Share the scripts knowledge to other team members.

Provide support to other team members.

Project 5: CIEDirect

Client Name: Cambridge University Duration: Aug 2015 to Sep 2016

Role: Sr. Software Engineer / Python Developer

Description: CIEDirect is the comprehensive web application for Examination Centre of University of Cambridge. In this application, the various role of university officers (Examination Officer and University User) can publish the syllabus, examination results of various centers and handling mail communications and more. This application will give access to the users according to their role in University.

Technology used: Python, Zope/Plone, MsSQL Server, SqlAlchemy.

Roles and Responsibilities:

Developed generic scripts to work with common modules in the application.

Solved application break down issue during the high load.

Introduced load balancer and SqlAlchemy adapter for Zope server

Maintain security and data privacy.

Deployed the project codes in Zope/Plone server.

Ensure that the reporting quality is maintained.

Provide support to other team members.

Education

UG: B.Sc (Maths) from Madurai Kamaraj University (MKU) in 2008

PG: MCA (Computers) from Anna University in 2011

IT Skills

Skill Name	Version Last Used	Experience
Python, PySpark, Databricks		
AWS, Airflow, Django, Zope/Plone		
PyCharm, Eclipse, SQL developer		
HTML, JavaScript, Oracle, Redshift		
Zope Server, Lampp server		
GitLab, SVN, Apache Tomcat		

Languages Known

Language	Proficiency	Read	Write	Speak
English	Proficient			
Tamil	Expert			

Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent / Temporary

Employment Status: Full Time, Part Time