Pramod DM
Consultant (Senior Data Scientist)

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Consultant with 5+ years of experience into Data Science, Data Engineering and SDE field. Currently working as a Consultant Senior Data Scientist with extensive knowledge in Machine Learning Algorithms, Deep Learning Architectures and Mathematical Optimization (PuLP, Pyomo).

WORK EXPERIENCE

Consultant (Senior Data Scientist)
Deloitte USI
12/1996 - Present   *Bengaluru, India*

Achievements/Tasks
- Modularized Python Operations Research Repositories built using PuLp, Pyomo and Gurobi Libraries to obtain faster outputs using advanced Python OOPs approach for obtaining Optimal Cost Solutions.
- Responsible in handling complete Backend for Python data Science Web Apps connected with Databricks Catalogue, from ETL to response URL's using Azure Functions and Flask.
- Expert in all key ML and deep learning algorithms, with practical implementation experience across Scikit-learn, TensorFlow, and PyTorch.
- Leveraged NLP models and APIs (Hugging Face, BERT, Google Translate API) to preprocess and translate large, complex European-naming conventions into English.
- Built Custom Agents using Microsoft Copilot Studio, integrating Power Platform, Dynamics 365 and Azure AI to get shipment tracking and logistics as a POC for the project.
- Experienced in migrating Hadoop Py-Spark, Scala-Spark and Python Scripts to Azure with a focus on optimization and appending data to Delta tables ensuring seamless integration and performance with Azure Infra using IntelliJ and DBKS N/bs.

Data Engineer
LTIMindtree
07/2021 - 09/2023   *Bengaluru, India*

Achievements/Tasks
- Py-Spark Developer responsible for delivering Optimized Spark Scripts using Anaconda-Jupyter and Databricks Notebooks.
- Databricks - Hold real-time Experience in advanced Databricks features like Unity CatLog, Delta Table, Identify-Mitigate & Optimize Data Storages, Delta Live Tables, Workflow-DevOps, Notebooks & wheel files, Microsoft Purview etc..
- Experienced in AWS S3 integration on Databricks Platform for easy access of Buckets data and Hands On Experience in AWS services like (EC2, S3, IAM, EBS, AMI, Lambda Functions, Amazon Cloud Formation, CDK, Beanstalk, SSM).
- Setting up CI/CD with Jenkins and make use of most of Jenkins plugins available for Couchbase-DB Backups Schedules, Strong Experience with Linux Environment and Shell Scripts.

Project Engineer
Wipro Limited
11/2018 - 04/2020

Achievements/Tasks
- **Engineered** Java-based microservices Application and addressed front-end issues in an Agile environment to deliver incremental business value.

SKILLS

Python | Machine Learning | Deep Learning
AzureML | PySpark & SQL | Databricks Advance
Azure & AWS | Git & GitHub | Linux
AI: CoPilot Studio (Dynamics 365, Power Platform, Azure AI)

PERSONAL PROJECTS

Quantum Leap
Ultimate Data Centric Investments & Trading Portfolio Manager

BIN
One point Flutter Mobile App, Analyze & Plans your complete RIDE

Customer Churn Prediction
Predicting Customer Churn using GradientBoosting & ANN Models

BeatFlow
Strategic web APP which plans your Entire Days Activity keeping your Rhythm at Top Notch in all activities of your day.

EDUCATION

B.E in Electrical & Electronics Engineering
 (08/2014 - 07/2018)
CMR Institute of Technology - Bengaluru, India

PUC (04/2012 - 04/2014)
St.Joseph's Pre-University College, 82.8% Karnataka State Board

LANGUAGES

Python
Full Professional Proficiency

Scala
Professional Working Proficiency

Java
Professional Working Proficiency

CERTIFICATIONS

Microsoft Certified Azure Data Scientist Associate

Databricks Certified Associate developer for Apache Spark

Snowflake Snowpro Core Certification

Advance SQL Certified - HackerRank

Java-J2EE Certified - ABC Institute Bangalore