

# Mamta Yadav

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## Professional Summary

To pursue a job opportunity in a competitive environment that will challenge me to push my boundaries and expand my knowledge in Micro-Services (Rest API), data analytics & business intelligence while allowing me to add value to the company. That will let me use my abilities and qualifications to add value to the organization while providing me with growth opportunities.

## Specialties

- ✓ Over 2+ years of IT experience in Analysis, Design, Development, Implementation and Testing of various stand-alone and client-server architecture-based enterprise application software in Python.
- ✓ Providing expertise in data storage architecture using Aws S3, data mining and data cleansing using Apache Spark and Pandas
- ✓ Translating numbers and facts to inform strategic business decisions and building Power BI dashboard/reports.
- ✓ Involved, configuring, and deploying Spark applications on a cluster.
- ✓ Strong experience with Core Python, NumPy, Pandas, Spark, and Flask (Micro Services).
- ✓ Implemented RESTful Web Services for the data transportation between multiple systems which are deployed on Docker containers.
- ✓ Proficiency in writing SQL queries, tables, view, functions, triggers using relational databases like MySQL.
- ✓ Hands-on experience to design and code in various technologies such as Python and SQL.

## Experience

- ✓ Working with WEBYUGG/INFOCOMM.
  - April – 2019 --- Till date

## Expertise

- ✓ **Database:** PostgreSQL, MySQL
- ✓ **Business Intelligence:** Power BI
- ✓ **Programing Language:** Python, Numpy, Pandas, Spark, Matplotlib
- ✓ **Micro Services:** Docker, Flask, Rest API
- ✓ **Machine Learning:** Linear Regression, sklearn
- ✓ **Cloud:**
  - ✓ AWS
    - AWS S3, AWS Glue, AWS Athena
  - ✓ Google Cloud
    - Cloud Storage, SQL
- ✓ **Operating System:** Docker, Linux & Windows

## **Qualifications**

- ✓ MCA (Master of Computer Application) from IGNOU.
- ✓ B. Sc. (Physical Science) from Delhi University.
- ✓ "A" Level 2 years' diploma from DOEACC society.

## **Awards and Certifications**

- ✓ Hacker Rank SQL gold star.
- ✓ Hacker Rank Python gold star.
  - Username: ymamta926

## **Project - I**

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**Product Name:** E-commerce - Munnik  
**Team size:** 7  
**Technologies:** Python, Pandas, Apache Spark, Power BI, Linux

**Description:** Munnik is to provide a better shopping experience for the customers. Apache Spark used in the whole pipeline: retrieving and processing the phrases using weblogs, making click models, creating feature sets, pushing the results to production using Spark-ETL, and creating Power BI dashboarding/reports. Both Pandas and Spark are used to develop various Exploratory Data Analysis (EDA) pipelines based on the large-scale data of products and customers.

Core functionality for Munnik is to store and analyze data and generating Machine Learning models for better prediction.

## **Roles & Responsibilities**

- Working as an Apache Spark Developer with big data stack design architectural research team to build a data repository by developing, installing and managing AWS S3 and Apache Spark environment.
- Developed Spark (PySpark) Python programs to parse the raw data, populate staging tables, and store the refined data in partitioned tables in the Enterprise Data Warehouse (EDW).
- Create Spark SQL queries that helped market analysts spot emerging trends by comparing new data with EDW reference tables and historical metrics.
- Deployed multiple Spark jobs of Python Programming on Spark cluster.
- Responsible for loading data files from various external sources like ORACLE, MySQL into staging area in MySQL databases.

## Project - II

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**Product Name:** Service Network Management  
**Team size:** 3  
**Technologies:** Python, Flask (Rest API), Micro Services, Linux & Docker

**Description:** Service Network Management System (SNM) is a software application that helps control and manage the day-to-day operations in a warehouse. WMS software guides inventory receiving and put-away, optimizes picking and shipping of orders and advises on inventory replenishment.

### Roles & Responsibilities

- Understanding the client requirement and develop micro services using Python Flask API.
- Involved to developing in Login module which is used on rest API calls.
- Involved in design and implementation of project.
- Involved in creating page templates required for the project.
- Interacting with team members on technical programming.
- Solving production support issues (such as bug fixes, queries etc.).
- Prepared documentation for the generated reports.
- Involved in development of main modules like CSV import, bulk content upload.
- Performing code optimization.

Date:

**Mamta Yadav**