**Ibrahim M**  
**Model Enablement Software Engineer | Python Developer**  
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## ****PROFESSIONAL SUMMARY****

**Results-driven Software Engineer** with 9+ years of experience in **Python, ETL, Model Enablement, and Big Data Processing**.

Expertise in **model lifecycle compliance, SDLC, and governance** to support model approval processes.

Strong background in **Python, Spark, Django, Power BI, PostgreSQL, and DevOps tools** for scalable solutions.

Proficient in **data ETL, API development, and automation using CI/CD pipelines (Jenkins, Terraform, Git)**.

Skilled in **data transformation, big data query optimization, and Power BI reporting**.

Ability to work **independently and in cross-functional teams**, ensuring compliance and governance of model development.

## ****TECHNICAL SKILLS****

**Programming Languages:** Python, SQL, JavaScript, Spark

**Frameworks & Libraries:** Django, Flask, FastAPI, PySpark

**Databases:** PostgreSQL, MySQL, MongoDB, DB2, Sybase IQ

**Data Processing & ETL:** Power BI, Tableau, Pandas, NumPy, PySpark

**CI/CD & DevOps:** Jenkins, Terraform, Git, AWS CodePipeline

**Cloud Platforms:** AWS (EC2, S3, Lambda, RDS, DynamoDB), Azure

**OS & Environments:** Unix, Linux, Windows

**Other Tools:** Docker, Kubernetes, Kafka

## ****PROFESSIONAL EXPERIENCE****

### ****Model Enablement Software Engineer****

**Endeavor Health, Chicago, IL**  
Aug 2021 – Jan 2025

Designed and developed **Python-based model enablement solutions** ensuring compliance and governance.

Developed **ETL pipelines for big data processing** using **PySpark and SQL queries**.

Built **RESTful APIs with Django and FastAPI** to streamline model approval workflows.

Automated **CI/CD pipelines (Jenkins, Git, AWS CodePipeline)**, reducing deployment time by 30%.

Designed **Power BI dashboards** for real-time data visualization and model performance monitoring.

Implemented **PostgreSQL optimizations**, improving query response time by 40%.

Ensured model lifecycle compliance, enabling smooth transitions from development to production.

### ****Python Developer | Data Engineer****

**Synchrony Bank**  
Feb 2019 – Aug 2021

Developed **data pipelines and ETL workflows** using **Python, SQL, and Power BI**.

Migrated on-premise databases to **AWS and Azure**, ensuring data security and availability.

Created **Django-based APIs** for financial model integrations.

Built **CI/CD workflows using Jenkins and Terraform**, reducing deployment errors.

Worked extensively with **big data platforms and optimized queries for large datasets**.

### ****Python Developer****

**Verizon (Tech Mahindra), India**  
Jan 2015 – Jan 2019

Developed **automation scripts, ETL pipelines, and APIs** for high-volume data processing.

Integrated **Power BI dashboards** with real-time analytics for business intelligence.

Automated **CI/CD processes using Jenkins and Git**, reducing manual efforts by 50%.

Designed and maintained **PostgreSQL and MongoDB schemas** for scalable applications.

Built **Python-based solutions for model enablement and governance**.

## ****EDUCATION****

**Master of Science in Information Systems Technology** – Lindsey Wilson College, Columbia, KY (2023)

**Master of Business Administration in Information Technology** – Hellenic American University, Nashua, NH (2022)

**Bachelor of Science in Biotechnology** – Osmania University, Hyderabad, India

## ****CERTIFICATIONS****

**AWS Certified Developer**

**Microsoft Certified: Power BI Data Analyst**

**Python Institute – PCEP Certified**