SHAIT **Oussama**

Data & Analytics Engineer - GCP certified

Casablanca, Maroc

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Summary

Data Analytics Engineer specializing in cloud technologies and machine learning, with extensive experience in operational strategy. Expert in leveraging GCP and Azure to transform data into drivers of performance and strategic decision-making.

Professional Experience

Data & Analytics Engineer
GCP, Azure, Python, PostgreSQL, Power BI,...

Alten

Present (Rabat, Morocco)

Corporate & Strategy Analyst – Alten
- Implemented data analysis systems to support strategic decision-making.
- Utilized business intelligence tools (Azure, Python, Power Platform) for data automation and reporting.
- Collaborated on market analysis and recruitment process optimization initiatives.
- Contributed to strategic projects adhering to data security protocols.

Data & Analytics Engineer – Bouygues Telecom
- Designed data pipelines using Google Cloud Platform services.
- Used BigQuery for complex queries and data analysis, optimizing processing efficiency.
- Developed Power BI dashboards for real-time monitoring of productivity and operational metrics.

Data & Analytics Engineer – Renault
- Implemented real-time data flows with Google Cloud services for continuous data ingestion from Salesforce.
- Created dynamic reports in Power BI, integrating complex data models for data-driven decisions.
- Worked with technical and operational teams to ensure data flow and reporting efficiency.

Data & Analytics Engineer
Parquet, Elasticsearch, Spark, Hugging Face, Pytorch, Flask, Next.js, MongoDB, MySQL, Bitbucket, Jira

OCP Solutions

March 2022 – September 2022

(Casablanca, Morocco)

- Developed a generic framework for machine learning techniques, including multilingual summary models.
- Deployed NLP models using Hugging Face and PyTorch for automatic text summarization.
- Integrated APIs with Flask to add AI features to interactive web applications.

Data Scientist
Python, NLTK, Spacy, TextBlob, Apache Airflow, Agile

1M WEB LTD

July 2021 – September 2021 (London, United Kingdom)

- Developed a machine learning model for automatic CV information extraction.
- Leveraged NLP libraries (NLTK, SpaCy, TextBlob) for CV data analysis and extraction.
- Automated workflows using Apache Airflow for parallel CV processing.
- Worked in an Agile environment to integrate models into existing systems, enhancing recruitment processes.

Data Scientist
Java, Android Studio, Figma, Flask

ISPITS, CHU

June 2020 – August 2020 (Fès,Morocco)

- Designed and developed a mobile app with Java and Android Studio for monitoring smartphone usage.
- Built a Flask backend for managing app data, user sessions, and frontend-server communication.
- Implemented real-time notifications to alert users of risky behaviors, promoting proactive awareness.

Education

State Engineer Degree in Data and Knowledge
The School of Information Sciences (ESI)

Rabat, Morocco

2019 – 2022

Preparatory Classes for Engineering Schools (CPGE)
MP / Mathematics - Physics

Casablanca, Morocco

2017 – 2019

Certifications

- **Google Cloud Associate Data Practitioner**
- **Astronomer Certification for Apache Airflow Fundamentals**
- **Databricks Lakehouse Fundamentals**
- **Scrum Foundation Professional Certification - SFPC™**

Skills

Programming	Python, Java, Javasccript, Scala, SQL, PL/SQL, APIs,
Web Frameworks	**Front-end:** Next.js **Back-end:** Flask, Django, FastAPI, GraphQL
Data Processing & Visualization	Spark, Apache Airflow, BigQuery, Hadoop, Kafka, Apache Beam
Cloud	Google Cloud Platform (GCP), Azure, Kubernetes, Terraform
Databases	MongoDB, MySQL, Elasticsearch, PostgreSQL
Machine Learning & AI	Hugging Face, Pytorch, TensorFlow, Generative AI
Automation & Integration	Apache Airflow, Docker, Git, Bitbucket
Power Platform	Power BI, Power Apps, Power Automate, Dataverse
Project Management	Agile Environment (Scrum), Jira

Langues

- **French**: Full professional proficiency
- **English**: Full professional proficiency
- **Arabic**: Native

Interests

- **2021 - 2022** : Member **PMI** (Project Management Institute)
- **2020 - 2021 :** Technical Team Member Club Geni Entreprise
- **2019 - 2020 :** Technical Team Member **Enactus**, volunteer work