

MELILI ISMAIL

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EDUCATION

Engineer's degree

ENSIAS -National Grad School of Computer Science and System Analysis

📅 Sep 2015 – Jul 2018

📍 Rabat, Morocco

- Major: Software Engineer

Associate degree

CPGE -Preparatory Classes for Engineering School

📅 Sep 2012 – Jun 2015

📍 Agadir, Morocco

- Major: Associate degree in Mathematics and Physics

Baccalaureate

Youssef Ben Tachafine High School

📅 Jun 2012

📍 Agadir, Morocco

- Major: Bachelor of Mathematics -B-

EXPERIENCES

Data Engineer Consultant

Capgemini

📅 Apr 2022 – Current

📍 Brussels, Belgium

- **Assignements:**
- Led the migration of data and applications from SAS to Microsoft Azure, ensuring minimal downtime and seamless integration
- Analyzed existing SAS infrastructure to develop a comprehensive migration plan, including risk assessment and mitigation strategies.
- Developed new data models for the operational system (transactional) and Data Warehouse/Data Mart, enhancing data consistency and enabling more robust analytics.
- Implemented technical and functional rules to validate submitted data, ensuring data integrity and compliance with business requirements.
- Collaborated with cross-functional teams, including IT, and business stakeholders, to ensure alignment on migration goals and timelines.
- Documented migration processes and outcomes, creating detailed guides and reports to support future migration efforts and knowledge sharing within the organization.
- Conducted training sessions for team members on using Azure tools and managing the new cloud environment, fostering a smooth transition and adoption.
- Benchmarking and list promoting data catalogue solution (LinkedIn datahub, Apache Atlas, Microsoft Purview).
- Create a High-level plan for the implementation of a Data catalog PoC.
- Setup and analyze Microsoft Purview (Microsoft Data catalog).
- Integrate Azure Data factory, Synapse, Blob storage, SQL with Purview.
- Develop a Proof of Concept on Microsoft Purview.
- Create dashboards on Power Bi of T services and Becris.
- Develop a PoC on databricks with PBI.

PROJECTS

Predictive model of churn

- Tools: SAS Programming, Python

Reputation search engine inside social media

- Tools: Spark, Kafka, Zookeeper, Node.js, D3.js, MongoDB

File Host

- Tools: Java EE, Spring, Hibernate

Generate a changed model and create graphics editors of grafacet and State .

- Tools: MDE : EMF, Plugin: xtext, Sirius, Epsilon

CERTIFICATIONS

- Azure Data Engineer Associate (DP-203)
- Fabric Analytics Engineer Associate (DP-600)
- AWS Cloud Technical Essentials (AWS)
- Analyzing data with Power BI
- IBM WATSONX.AI
- Advanced Python (itS)
- Connected Manager Program (Capgemini)
- Qlikview Business Analysis (Orange)
- Big Data Developer Mastery Award (IBM)
- SAS BASIC PROGRAMMING (SAS)
- Scrum Fundamentals Certified (ScrumStudy)
- Certification Tableau Desktop Data Science (Tableau)

SKILLS

Programming Languages:

Python, Scala, SAS Programming, Java, Java EE, JavaScript/HTML/CSS, SQL, SQL Server, Spark.

Experienced Technologies:

IntelliJ, Tableau Desktop, Power BI, QlikView, SAS Guide, DjangoRest, FlaskAPI.

Languages:

- **English:** advanced
- **French:** fluent
- **Dutch:** elementary (A2)
- **Arabic:** mother tongue
- **Tamazight:** mother tongue

ACTIVITIES

- Sport
- Trip
- Research
- Participation in capathon 2022/2023 , IBM Hackathon winner 2023.
- Sports Chief -ENSIAS Olympic games V3.0

- **Technologies:** Azure Microsoft Purview,Azure SQL DB,Azure Data Factory,MS Fabric,Azure Functions,Azure Batch,Azure blob storage,Azure DevOps,Power Apps,Power Automate,Power BI,Tableau, Python,Databricks,Docker.

Data Analyst/Engineer Consultant

Maltem Consulting Group

📅 Oct 2021 – Apr 2022 📍 Brussels, Belgium

- **Assignements:**
- Setting up the strategy and Data governance.
- Creation of architectures and Data roadmaps.
- Development of data pipelines with the latest technologies.
- Implementation of BI tools necessary for data exploitation needs.
- Web Scraping of data from different sources.
- **Technologies:** SQL Server,Python,Power BI.

Data Engineer

Orange Business Services

📅 Oct 2020 – Sep 2021 📍 Rabat, Morocco

- **Assignements:**
- Supporting the Digital Transformation and Automation of activities of Capacity Management and Quality of services by creating dashboards and implementing data pipelines from data sources and create data cubes in the big data lake (EDH).
- Supporting Network Service Optimization processes and associated implementations.
- Supporting the monthly Business Review presentations focusing on the actuals vs. budget evolution, identify anomalies, analyze historical trends and traffic mix evolutions.
- **Technologies:** Cloudera(HDP),Hdfs,Hive,Python,SQL,Scala,Spark, QlikView,QlikSense,Tableau,Power BI,Talend open studio for data integration,GCP(Google Cloud Platform).

Data Analyst

inwi

📅 Aug 2018 – Sep 2020 📍 Casablanca, Morocco

- inwi is a telecom provider.
- **Assignements:**
- Reporting / Data visualization.
- Automation of database generation Campaign Customers.
- Business Uses Development.
- Identification and Targeting of customers.
- Segmentation of the customer bases.
- Follow-up of the development of the solution analytical MVIVA.
- **Technologies:** SAS Programming,SQL,Python,Tableau Desktop.