

# Yahya Derbeli

DATA / BI CONSULTANT · TALAN GROUP

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## Education

### National Institute of Applied Science and Technology INSAT

Tunis, Tunisia

NATIONAL DIPLOMA IN SOFTWARE ENGINEERING

Sept 2016 - Jul 2021

- Major: Data science.

## Experience

### Gaz Réseau Distribution France GRDF

Tunis, Tunisia

"POSEIDON" PROJECT: MANAGING GRDF'S DECISION-MAKING SYSTEM

Jun. 2022 - Present

- Developed ETL and data integration pipelines using Informatica.
- Managed Job scheduling, logs, and data quality checks.
- Worked on a large database architecture involving partitioning, materializing views and historization processes for datawarehousing
- Deployed packages to Dev - Preprod and Prod environments.
- **Keywords** : Oracle • Informatica PowerCenter • Gitlab. • Jira • Visual TOM

### Orange TN

Tunis, Tunisia

PROJECT: RECONCILIATION OF MOBILE DATA RECHARGES FOR SIROCCO AND GPS CHANNELS

Feb. 2022 - May. 2022

- Drafted technical specifications, macro-study, and installation and operating manuals.
- Traced duplicate and failed operations, as well as operational anomalies.
- Implemented reconciliation flows for IN recharge, mobile data purchase, and destocking operations.
- Managed logs and data quality rejects.
- **Keywords** : Oracle • PostgreSQL • Talend.

### Talan Group

Tunis, Tunisia

"POLARIS" PROJECT: CORRECTIVE AND SCALABLE TPAM OF TALAN GROUP'S DECISION-MAKING SOLUTION

Dec. 2021 - Feb. 2022

- Controlled data quality and Fixed bugs.
- Developed new measures / reports.
- Optimized existing jobs.
- **Keywords** : PostgreSQL • Power BI • Talend.

### Volkswagen Financial Services VWFS

Tunis, Tunisia

PROJECT: RE-DESIGNING VWFS'S DECISION-MAKING SYSTEM

Oct. 2021 - Dec. 2021

- Facilitated data visualization and manipulation for analysts by implementing BO universes from datamarts.
- Ensured data validation and quality by fixing conflicts and loops with aliases and contexts.
- Ensured security by implementing business and data security profiles.
- **Keywords** : Oracle • Informatica PowerCenter • SAP BO.

### Ooredoo TN

Tunis, Tunisia

PROJECT: MIGRATION AND INTEGRATION OF OOREDOO'S NEW CHARGING SYSTEM

Jun. 2021 - Oct. 2021

- Implemented system processes necessary to communicate with the new Charging system.
- Adapted existing business processes to support parallel execution on new and existing charging systems.
- Participated in testing, validating and deploying of the implemented jobs.
- **Keywords** : Oracle • TIBCO BusinessWorks • TIBCO Administrator • Mantis • SoapUI.

### Talan Group

Tunis, Tunisia

GRADUATION INTERNSHIP : FRAUD DETECTION IN HEALTHCARE INSURANCE

Feb. 2021 - Jun. 2021

- Designed a real-time fraud detection system following Lambda's architecture.
- Experimented with unsupervised and supervised approaches for data labeling and for modeling.
- Automated ML pipelines for continuous model training, tracking, scoring and deployment.
- Displayed real-time dashboards and batch reports using Power BI.
- Provided a cross-platform app to monitor the model's accuracy, and to rectify wrongly predicted data and use it in model retraining.
- **Keywords** : Microsoft Azure • Cosmos DB • Eventhubs • Databricks • Spark • Azure ML Studio • Power BI • Node.js • Flutter • Crisp-DM.

### International Arab Bank of Tunisia BIAT

Tunis, Tunisia

BUSINESS INTELLIGENCE INTERNSHIP : CREDIT SCORING FOR RISK MANAGEMENT.

Jul. 2020 - Sep. 2020

- Minimized credit risk by an average of 32% by setting up a multivariate and scalable credit scoring solution.
- Designed and Set up a data warehouse based on clients' internal data and public LinkedIn information.
- Assisted analysts with dashboards of important indicators and metrics.
- **Keywords** : PostgreSQL • Talend • Python • Selenium • ELK stack • Scrum.

## Smart Solutions Consulting

Nabeul, Tunisia

WEB DEVELOPMENT INTERNSHIP : WEB PLATFORM FOR LOGISTIC AUDITS AND DIAGNOSTICS.

Jul. 2019 - Sep. 2019

- Designed and populated the application's database.
- Created the necessary forms and dashboards for audits and diagnostics.
- Generated digital and printable reports.
- **Keywords** : PostgreSQL • Spring Boot • Angular • Chart.js • Github • Scrum.

## Spectrum Group

Tunis, Tunisia

ERP/INTRANET INTERNSHIP : MASTERING JALIOS, A MULTI-PURPOSE INTRANET.

Jul. 2018 - Aug. 2018

- Manipulated the main modules of Jalios : Automation, Accounting, Administrative management and Supply Chain.
- Created web interfaces using built-in and custom made portals.
- Developed External Modules and plugins.
- **Keywords** : Jalios • Java JEE • HTML • CSS • Javascript.

## Skills

<b>Programming</b>	C/C++ • Java • Python • Javascript • Typescript
<b>Business Intelligence</b>	Talend • Informatica • Power BI • SAP BO • ELK STACK
<b>Big Data</b>	Apache Spark • Spark Streaming • Kafka • Databricks
<b>Machine Learning</b>	Tensorflow • Sklearn • Pandas • MIFlow • Spark MLlib
<b>Databases</b>	Postgres • Oracle
<b>Other tools</b>	Git • Github • SVN • Jira • Mantis • LinuxOS • WindowsOS

## Professional Development

- 2022 **Microsoft Certified** , Azure Power BI Data Analyst - Associate
- 2022 **Microsoft Certified** , Azure AI Engineer - Associate
- 2022 **Microsoft Certified** , Azure Data Engineer - Associate
- 2022 **Snowflake Certified** , Hands On Essentials - Data Warehouse
- 2022 **Microsoft Certified** , Azure Fundamentals (Ref : 1081-8982)
- 2021 **Coursera** , Deep Learning Specialization (Ref : 3EVFQTE37N88)
- 2020 **Coursera** , Tensorflow Developer Specialization

## Languages

<b>English</b>	Full professional proficiency
<b>French</b>	Professional working proficiency
<b>Arabic</b>	Native proficiency
<b>German</b>	Elementary proficiency