

Nadhir BEN OTHMEN

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OBJECTIVE

Business Intelligence developer with expertise in SQL, Python and Power BI. Specializing in data analysis, ETL pipeline design and the creation of dashboards to support decision-making.

PROFESSIONAL EXPERIENCES

Final internship

Feb 2025 – Oct 2025

ONRTECH | *Python, Web Scraping, ETL, LLM, MongoDB, Power BI, Angular, Spring Boot*

- Development of a decision-making platform to analyze the Spanish food market.
- Implementation of a complete ETL process to extract, clean, transform and enrich data from multiple e-commerce sites.
- Integration of an AI module (LLM) for the automatic enrichment of product information.
- Design of interactive dashboards to visualize key indicators..
- Develop and integrate a secure web interface for viewing dashboards.

Engineering Internship

Jun 2024 – Aug 2024

BID Consulting Tunisia | *SSIS, SSMS, Microsoft Visual Studio, Python, Power BI*

- Data Warehouse design and data integration using SQL Server Integration Services (SSIS) and SQL Server Management Studio (SSMS).
- Data cleaning, transformation and preparation in Python.
- Creation of KPIs and interactive dashboards in Power BI for monitoring advertising performance.

Summer internship

Jun 2023 – Jul 2023

Smart For Green | *Docker, MaarchCourrier, MaarchParapheur, MaarchRM, Unix*

- Development of a web interface for the electronic management of mail and documents for Tunisian municipalities.
- Improved tracking and traceability of incoming and outgoing mail.
- Implementation of an electronic signature system allowing the mayor to validate correspondence securely.

ACADEMIC PROJECTS

Footifiz | *Power BI, Talend, Python, Angular, PostgreSQL, Web Scraping, YOLOV8, NodeJS* jan 2024 – May 2024

- Development of a decision-making solution for the management of sports staff.
- Analysis of player performance data to identify strengths and areas for improvement.
- Development of predictive algorithms to anticipate the value and evolution of players.
- Implementation of a real-time video monitoring system for match statistics to adjust strategies.
- Design of interactive dashboards for a sports team to optimize its performance.

FoyerManagement | *IntelliJ, MySQL, Swagger, Spring Boot, Jenkins, SonarQube, Git, Docker* Sep 2023 – Jan 2024

- Development of an application for the management of residents.
- CRUD implementation for homes and residents.
- Performing unit and integration tests with JUnit.
- Artifact management, quality monitoring and containerized deployment.

EDUCATION

ESPRIT University Sep 2022 – Nov 2025

Higher Institute of Technological Studies of Bizerte Sep 2018 – Jun 2021

SKILLS

Databases : SQL (MYSQL, SQL Server, PostgreSQL, Oracle), NOSQL (MongoDB)

Business Intelligence : Power BI, Talend, SSIS, ETL/ELT, Data Warehouse, KPIs, Reporting, Web Scraping

Data Science & IA : Data Mining, Machine Learning, Deep Learning, NLP, LLMs, Séries temporelles

Languages & Frameworks : Python, java, R, C#, Spring Boot, Angular, ASP.NET Core

Tools & Devops : GitHub, Docker, Jenkins, Sonarqube, Postman, VS Code, Jupyter Notebook, RStudio, StarUML