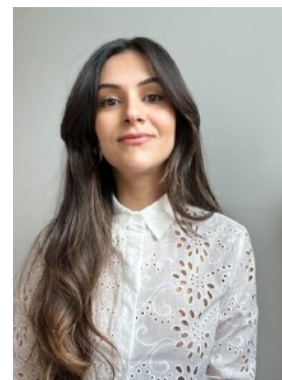


# Hanene AYARI – Senior Data engineer



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## Introduction

I am a 32-year-old data enthusiast from Tunisia with nearly 5 years of experience as a lead data engineer at TheFork. I have a proven track record of transforming complex problems into simple, effective solutions. My expertise includes building and implementing modern data stacks on the cloud AWS using tools like DBT and Snowflake, combined with strong expertise in SQL and programming. I'm also a quick learner, constantly adapting to new technologies and challenges. I'm now eager to leverage my skills and passion for data in a new opportunity, where I'm excited to drive innovation and collaborate with a talented team.

## Experience

### Sep 2022 - Today: Senior Data Engineer – TheFork

As a Senior Data Engineer, I played a pivotal role in decommissioning our central ETL tool, Talend, and implementing a modern data stack.

#### Key Responsibilities:

- Worked closely with the architecture team to design and implement the target data architecture, ensuring alignment with business goals and technical standards.
- Led the development of custom data models and transformations using DBT (data-build-tool), ensuring modular, reusable, and maintainable SQL models.
- Took ownership of developing and maintaining data pipelines using DBT, Apache Airflow, and Hightouch to ensure the integration between Snowflake and other company solutions such as Salesforce, Microsoft Dynamics 365, and Braze.
- Collaborate with the Data Ops team to define and implement CI/CD transformations using GitHub and Jenkins
- Conducted a proof of concept (POC) for reverse ETL using Hightouch and Census, evaluating the best tool for business needs.
- Actively collaborated with stakeholders to gather requirements, provide updates, and ensure the new data stack met all business needs.

**Technical environment:** AWS Glue, Python, Java, Python, SQL, PostgreSQL, Snowflake, DBT, Hightouch, Airflow, Hightouch, AWS Cloud, Salesforce, Microsoft Dynamics 365, Braze, Datadog, Jira, Notion, Git, Github.

### Dec 2019 – Sept 2022: Senior Data Integration Consultant – TheFork

As a Senior Talend Developer, I was responsible for the design and implementation of a custom ETL process that smoothly handled over 5 million transaction records per day, resulting in the migration of the legacy MySQL model to a high-performance PostgreSQL database on AWS.

**Key Responsibilities:**

- Developed a lineage of Talend jobs using Talend Big Data Studio, SQL, and Java routines
- Develop Scripts to ingest million rows from various file source (.txt , .csv, .xml, .avr)
- Data preprocessing by applying many cleaning techniques such as removing duplicates, handling missing values, standardising data in order to maintain data integrity from two system
- Execution and monitoring of the weekly migration batches

**Technical environment:** Java, Python, SQL, PostgreSQL, Snowflake, DBT, AWS Cloud, Salesforce, Microsoft Dynamics 365, Jira, Notion, Git, Github.

**Sep 2018 – Nov 2019: Data Engineer – Europe Assistance**

As a Talend Consultant, I worked among the IT team on critical data integration and processing projects, focusing on optimising workflows and enhancing data quality.

**Key Responsibilities:**

- Created functional and technical specifications
- Developed and maintained data integration flow
- Implemented data integration and processing workflows using Talend big data studio
- Performed data validity, accuracy, and integrity tests

**Technologies:** Talend 6, Java, SQL Server, Oracle, Salesforce, Microsoft Dynamics 365.

**Sep 2017 – Nov 2018: Data Engineer – AUTODISTRIBUTION**

As a BI engineer, I worked among the Data team on the migration project from Cognos 8 to MicroStrategy 10.3. I contributed to the implementation of the new application while maintaining the legacy application throughout the migration process.

**Key Responsibilities:**

- Developed the semantic layer via Developer (attributes, facts, hierarchies, transformations)
- Developed public objects (measurements, filters, reports)
- Developed dashboards (Visual Insight) and documents (Dashboard Pixel Perfect)

**Technologies:** MicroStrategy 10.3, Oracle, Cognos 8, Genio

**Sep 2016 – Oct 2017: Data Engineer – MANUTAN**

As a Business intelligence engineer, I worked among the BI team, as a developer on Microstrategy the BI solution across all entities of Manutan, from marketing to finance, supply chain, and procurement.

**Key Responsibilities:**

- Provided Business Intelligence support and user training within the Manutan group
- Managed corrective and evolutionary maintenance of reports
- Assisted users across Europe in using MicroStrategy and creating their own reports

**Technologies:** Talend 6, Microsoft SQL Server 2012, MicroStrategy 10.4 Web & Developer

## **Feb 2016 – Sep 2016: Software Engineer – DECADE**

As a Junior Developer, I worked among a dynamic team to enhance and develop various modules and processes.

### **Key Responsibilities:**

- Design and development of intranet modules for the client GO SPORT
- Development of PHP functions on the Magento e-commerce platform
- Optimisation of data extraction queries with SQL

**Technologies:** SQL Server, Netbeans, Magento, PHP5, GIT

## **Skills**

- **Orchestration tools:** Airflow, Talend Administration Center
- **ETL:** Talend, AWS Glue
- **BI tools:** MicroStrategy, Cognos
- **Data transformation:** DBT, Talend
- **Database/Modeling:** Snowflake, Microsoft SQL server, SQL developer, PostgreSQL
- **Version Control:** Git, Github
- **Programming Languages:** SQL, java, Python
- **Project Management:** Notion, Jira
- **Languages:** Arabic, French, English

## **Education**

- **2018-2019:** MicroStrategy MCE Coursus PEP at MicroStrategy France
- **2013-2016:** Engineering Software Studies at the National School of Computer Science (ENSI)
- **2011-2013:** The Tunis Preparatory Engineering Institute (IPEIT)