

# Marouane Skandaji

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## Summary

Believe & Achieve :)

## Experience



### Big Data Engineer

Thermo Fisher Scientific

Sep 2022 - Present (1 month +)

- Developing and maintaining ETL processes and pipelines.
- Onboarding projects and automating flow orchestration within Airflow Managed Services on AWS
- Architect the Enterprise Data Platform within shared services
- Test and deploy production-ready code and ensure a steady development cycle
- Monitor job execution on Overwatch

\*Keywords: Spark, Airflow, Databricks, AWS, S3, Athena, Delta Fabric, Data governance, Process automation



### Data Engineer - Software Developer

Ericsson

Sep 2021 - Sep 2022 (1 year 1 month)

- Developing software solutions for processing big-data sets.
- Create analytics & business insights and support other units.
- Constant improvement and automation of data-driven applications.
- Develop and monitor batch/streaming jobs.
- Foresee and manage Integration tools, databases, warehouses, and analytical systems.
- Maintain ETL/ELT processes and data pipelines.

\*Keywords: Spark, Airflow, Grafana, Hive, Agile, Drill, k8s, Impala, Mapr Ezmerald data fabric, SQL.



### Co-Founder - Software Developer

The VetsBook

Dec 2020 - Jul 2021 (8 months)

Development/Prototyping Stage:

- Overseeing Infrastructure, the company's data, and security. Ensuring a strategic technological implementation.
- Optimize and manage organizational data (Data security, QA management, and deployment)
- Validating the technical feasibility of the business plan to meet specific decision-making requirements.

Vetsbook offers a multisided and cloud-based practice management software dedicated to veterinarians, providing automated, time-saving, and user-centric features helping the doctors

performing the daily multiple tasks including hospitalization, appointment management, inventory, financial management, and communication features with clients via “The vetsbook care” solution helping the pet parents checking the animal health records, connecting with veterinarians for emergency requests and appointments and finding a genuine pet healthcare tips.

\*Keywords: Cloud Adoption, Azure, Agile, ERP solutions integration



## **Co-Founder - Software Developer**

**URBEN & Co**

Sep 2018 - May 2021 (2 years 9 months)

- Primary responsibilities include using services and tools to ingest, egress, and transform data from multiple sources.
- Design and implement solutions, manage, monitor, and ensure the security and privacy of data to satisfy business needs.
- Evangelizing data on cloud solutions with customers, leading Business and IT stakeholders through designing a robust, secure and optimized Azure architectures and ability to be hands-on delivering the target solution.

\*Keywords: Cloud migration, Azure, DevOps, Data governance.



## **System Engineering Intern**

**Winkler AG**

Jun 2017 - Jul 2017 (2 months)

- Developing flexible electrical heating solutions for industrial applications, adapted precisely to the requirements of the customer.
- Testing solutions.
- Integrating controllers: monitoring heating elements, insulation, and sensing temperature.

\*Keywords: Embedded systems, REST API, Test automation



## **Undergraduate Research**

**University of Pécs, Hungary**

Jan 2017 - Jun 2017 (6 months)

Assisting in the development of intense THz sources :

- The focus is on THz sources based on optical rectification and pumped by femtosecond laser pulses; pulses with a tilted intensity front for phase matching in Lithium Niobate or semiconductors.

\*keywords: LabVIEW, Photo-electric sensing, photonics, laser beaming

## **Education**



### **University of Pécs**

**Bachelor of Science - BS, Physics**

Jan 2015 - Present



### **University of Tunis El Manar**

## Licenses & Certifications



**Debating and Public Speaking** - International institute of debate



**AWS Infrastructure as Code for Software Developers** - LinkedIn



**AWS for Developers: Data-Driven Serverless Applications with Kinesis** - LinkedIn



**AWS for DevOps: Continuous Delivery and Process Automation** - LinkedIn



**Cloud Computing with IBM Bluemix** - LinkedIn



**Cloud Data Architecture: Cloud Architecture & Containerization** - Skillsoft



**Development & Testing with Agile: Agile Methodologies in Software Development** - Skillsoft



**Spark for High-speed Big Data Analytics** - Skillsoft



**Data Pipeline: Using Frameworks for Advanced Data Management** - Skillsoft



**CloudOps Performance Tuning: Applying Performance Principles** - Skillsoft



**Data Architecture Deep Dive - Design & Implementation** - Ericsson



**Container and Kubernetes networking deep dive** - Component Soft

## Skills

Software Development Life Cycle (SDLC) • Software Solution Architecture • Data Monitoring • Data Management • Apache Spark • Data Warehousing • Data Governance • Information Security • Cloud Computing • Big Data Analytics

## Honors & Awards



**Certificate of Achievement - AIESEC** - AIESEC Nabeul

Oct 2014

Participation and contribution to the conference : "Renewable Energies, what future for Tunisia ?".

In partnership with AIESEC Local Committee Nabeul and GIZ - Deutsche Gesellschaft für Internationale Zusammenarbeit



**Stipendium Hungaricum scholarship holder** - Tempus Public Foundation

Sep 2015



**Global Young Leader** - Envision EMI Ltd.

Jul 2013

Contribution to the Global Young Leaders Conference.

Dedication to educational achievement, strength of character and leadership.