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Summary

Believe & Achieve :)

Experience



Data Engineer

Thermo Fisher Scientific

Sep 2022 - Present (2 months +)

- Own and deliver data-platform solution enhancements.
- Maintain scalable data pipelines and API integrations to support continuing increasing data volumes and complexity.
- Data loads optimizations and management.
- Onboard and automate data ingestion, processing, and orchestration of all flows within Airflow Managed Services on AWS
- Monitor application traces and systems' health on cloud platforms to address critical operation incidents and business requests.

*Keywords: Spark, Airflow, Databricks, AWS, S3, Athena, Glue, Data Governance, Power BI, Process Automation



Data Engineer - Software Developer

Ericsson

Sep 2021 - Sep 2022 (1 year 1 month)

- Develop and deliver software solutions for processing big data sets.
- Develop data set processes for modeling, mining, and production.
- Develop and monitor batch or streaming jobs.
- Foresee and manage Integration tools, databases, warehouses, and analytical systems.
- Maintain ETL/ELT processes and data pipelines.
- Work on customer engagements.

*Keywords: Spark, Airflow, Grafana, Tableau, Hive, Drill, Impala, Kubernetes, HPE Data Fabric, SQL/T-SQL/NoSQL.



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

Bachelor of Applied Science - BASc, Computer Science

2014 - 2015

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) • Data Management • Big Data Analytics • Solution Architecture
• Software Design • Data Integration • Data Modeling

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.