

Ahmadreza Samadi

Azure Data Engineer

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Positive, enthusiastic with a good problem-solving skill · Adept at providing expertise for working on projects and prioritizing business success. Data Engineer with more than 4 years of experience.

Experience

Azure Data Engineer
Oxfam Novib

09/2022 Present

The Hague, South Holland, Netherlands (Remote)

- **Analyzing, designing, and developing data solutions** for Oxfam Novib`s CRM using different **Microsoft Azure data services** (Azure **Databricks**, Azure **Storage**, **Data Factory**, **Key Vault**, **Azure DevOps**, etc.).

Data Engineer, Front-end Developer
Klassroom.io

10/2021 10/2022

Toronto, Ontario, Canada (Remote)

- Developing an **Engine** to **extract** and **transform** Data from other LMS to Klassroom compatible types.
- Developing a new LMS for the Canadian education system which was applied to several schools across Toronto
- Embedding **Error monitoring** and **test applications**
- Using **SASS** (a well-known **CSS** framework) to create a beautiful **User Interface**
- **Technical lead**, studying and working with various cloud services like **AWS Lambda**, **Code Pipelines**, etc., **Azure Databricks**, **Data factory**, **Delta lake**, etc.

Data Engineer, R&D Scientist
Hamrahe Aval (MCI)

11/2020 to 04/2022

Tehran, Iran

- Studying **database marketing**, **direct marketing**, **customer lifetime value** and adapting the **RFM** model
- Optimizing the customer segmentation algorithm using **machine learning** on **R** and **python** with an increase of 20% (f-score 96%) and less memory allocation
- Implementing the algorithm to MCI's data to gain knowledge about the different groups (e.g. hot, cold, churn, etc.)
- Studying cloud solutions like **Azure** and **AWS** services

Data Engineer, R&D Scientist.
Data Science Lab, Shahid Beheshti University

02/2020 to 04/2022

Tehran, Iran

- Working and building applications with **Java (Spring, JRPC)**
- Implementing **robust, scalable microservice** functionality with **REST** APIs
- **Data Scraping** using **Python Beautiful Soap**, **Scrapy**, and **Selenium**
- Deploy solutions on cloud services

Angular Developer
MavaraFanavar Sharif

02/2020 to 01/2022
Tehran, Iran

- Redesigning APPSAN product which is a **vertical super application**.
- Designing INTEGROPIA, an **API management** system
- Creating **documentation** for the various product including APPSAN and INTEGROPIA
- With my design and help, we managed to sell products to MCI (the biggest Telecommunication Company in the Middle East) and the Ministry of Economic Affairs and Finance (IRAN)

Business Process Analyst
Iran veterinary organization

09/2019 to 06/2020
Tehran, Iran

- Providing the base foundation of the Ministry of Agriculture (Iran) **Automation system**
- Working with various business process applications like **BPMN2**

Full-Stack Developer
Cosmopolis

09/2019 to 01/2020
Paris, France

- Backend Development using **python Django**.
- Front-end Development using **HTML, CSS, Angular**

Education

Shahid Beheshti university (Master of Science in computer software engineering Specialized in **Data Engineering)**

2019 – 2021 | **GPA: 3.7**

Languages

- English (Full professional proficiency)
- Persian (Native or bilingual proficiency)

Skill highlight

- Azure Services
- Python
- Spark
- Azure Databricks
- Azure Data Factory
- Java
- Probability & Statistics
- VCS (Git)
- Multivariate Calculus & Linear Algebra
- Type Script
- Angular
- R
- SQL
- Strong leader
- Complex problem solver
- Team work
- Strong Communication
- Self-Awareness
- Patient