Kamran Rasim Asgarov

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Location: Ratingen, Germany.

TECHNICAL SKILLS

Languages	:	Python, bash, R.
Libraries	:	pandas, boto3, great expectations, requests, beautifulsoup, geopandas, plotly, sklearn.
Databases	:	PostgreSQL, Reshift, MongoDB.
AWS	:	S3, MWAA(Airflow), Glue, Lambda, Sagemaker, Elastic Container Service (ECS), CloudWatch.
Data Tools	:	Power BI, Active Campaign, Amplitude, Zuora.
Dev Tools	:	Airflow, Docker, RudderStack, Github Actions, CircleCI.
Misc	:	Hudi, Avro, Visual Studio Code, Jupyter Notebook/Lab, Git, Github, Sharepoint, Confluence.

RECENT EMPLOYMENT

Data Engineer
Feb 2024 – Present

YARA GmbH & Co. KG   *Remote, Germany*

- Showcased how creative use of Tokenisation methods can simplify GDPR compliance for downstream data consumers.
- Implemented an ECS based Great Expectations microservice to test the quality of incoming data.
- Implemented administrative application process for Role Based Access to sensitive customer data.

Data Engineer
Aug 2018 – Jan 2024

Yara International   *Remote, Singapore*

- Simplified and migrated production airflow setup from kubernetes to AWS MWAA. Implemented a number dockerized microservices on ECS to resolve dependency hell issue.
- Wrote and deployed a variety of ETL pipelines, connecting S3 buckets, various relational databases and third party analytics platforms.
- Designed an application agnostic framework for delivering dynamically generated advisory content, with scalable localization potential.
- Acquired large external datasets with scalable scraping algorithms.
- Challenged stakeholder assumptions with strategic use of analytics and clear visualizations.
- Built topic classification models with linguistic data, utilising translation and transliteration APIs.
- Trained interpolation models and produced interactive maps using spatial data.

Customer Service Execute (CSE); Senior CSE
Jun 2013– Nov 2016

Booking.com   *Singapore*

- Designed, automated and implemented a Google Sheet macros based task assignment and tracking system in 3 regional offices.

Junior Analyst
May 2012 – Apr 2013

Inland Revenue Authority of Singapore (IRAS   *Singapore*

- Researched ways of encouraging voluntary tax compliance.

Please refer to the attached PDF for a detailed work project history.

EDUCATION

Johns Hopkins Bloomberg School of Public Health
Coursera.org

Data Science Specialization   *2017*

National University of Singapore
Singapore

Bachelor of Arts (Economics)   *2004 – 2008*