

Profile

With over a decade of IT experience, including proficiency in C#, Python, and various SQL languages, I specialize in streamlining complex problems into efficient solutions, driving business potential.

Experience

AWS TEAM LEAD DATA ENGINEER // Exsell Netherlands for Majid Al Futtaim Dubai 2022-

Experienced in developing solution systems leveraging Customer Lifetime Value (CLV) and Next Best Offer (NBO) models and others. Directly collaborate with Solution Architect, overseeing task creation and managing junior team members. Coordinate closely with Data Science Team and integrate Sagemaker Models for seamless functionality.

- AWS Glue PySpark jobs (Creating complete data ingestion)
- Delta Lake in AWS Glue and Amazon S3
- AWS Step Functions (The primary daily automation tasks for the project involve leveraging intrinsic functions and utilizing the Context object effectively)
- AWS Lambda (Calling other aws services)
- AWS Sagemaker (training model it within the context, and incorporating recommendations)
- Pulumi & Terraform Code as Infrastructure
- Amazon RDS, Amazon S3
- AWS Identity and Access Management (IAM)
- AWS Billing and Cost Management

TEAM LEAD DATA ENGINEER

2020 - 2022

Institute of Environmental Protection – National Research Institute

- Leading the PoC initiative to migrate critical data processing and analysis pipelines into AWS Cloud with AWS Glue, Lake Formation and Redshift
- Managed and empowered ETL team that created the analytical database of National Database on products, packaging and waste management (BDO database)
- Collaborated and back up other teams as Database Developer with repair errors that require most careful analysis of business logic
- Conducting training for new employees. Introducing procedures and work culture in the institution and improving professional qualifications by sharing with my knowledge and experience on the case studies (I didn't realize before that teaching is fun and gives a ton of satisfaction)

SENIOR FULL STACK C# DEVELOPER // Mera Systemy Sp. z o.o.

2017 - 2020

- Lead developer of system collecting real-time data from 3000 ticket vending machines into Potegres database as well as web application providing Inspection, Financial Reporting and Information for Field Service Support

DATA ENGINEER // Hewlett Packard Enterprise

2015 - 2017

- Member of the Big Data DevOps and Administrations team
- Responsible for automating Big Data Platforms configuration and management with IaaS approach based on Ansible and Docker (Cloudera, Hortonworks)
- Lifting and shifting existing offers' portfolio into the Cloud to match the latest clients needs (mainly AWS and Azure)
- Preparing PoC around data analysis scenarios on AWS (AWS EMR and Redshift)
- Tailoring platforms components to specific clients' needs
- Diagnosing and solving issues on production

DEVELOPER, LINUX ADMINISTRATOR // University of Warsaw, Centre of New Technologies

2013 - 2014

- Support for science teams Linux - one year in-depth Linux learning for small public salary

SYSTEMS ENGINEER // COMPAREX Poland Sp. z o.o.

2012 - 2013

- First Job. Everything with savers & data storage. Great time for learning. The experience I gained now helps me write efficient code for computing-intensive tasks later in future.

Education

FACULTY OF PHYSICS

2007 - 2014

Warsaw University of Technology, Warsaw

LANGUAGES

English – C2

Portuguese – A1