

Profile #3

SENIOR DATA ENGINEER

Skills

R

AWS

SQL

Python

REST APIs

Tableau

Spark

Profile

Loves solving complex business problems with smart people using data. He is a T-shaped person with a deep expertise in **data** as well as working knowledge in broad range of areas from analysing systems (investments research, macroeconomics, trading, **blockchain**) through optimising business performance (SaaS metrics, business processes automation, customer segmentation, lifetime value modelling) to management (building effective teams, project management).

Overview

Availability: **3 months**

Rate: **€50 per hour**

City: **Warsaw**

Relocation: **Not interested**

Employment History

Data Product Manager - international ecommerce SaaS start-up

MARCH 2020 - PRESENT

Job responsibilities:

- A go-to person for all things data.
- Coordinating Data Lake implementation in the AWS ecosystem by the Data Engineering team to improve the data processes stability, cost efficiency and time-to-insights for multiple departments. **Technical product management:** user stories clarification, backlog prioritization, defining acceptance criteria, tracking progress, assessing risks, coordinating delivery, and actively communicating contingency and mitigation plans for the Data Engineering team.
- Managing the **data strategy** and roadmap to upgrade the company's data analytics infrastructure. Aligning priorities among the data teams (Data Engineers, Business Analysts, Data Scientists), engineering and operations teams (Finance, Sales, Support, Marketing).
- Designing new and optimising existing internal and customer-facing **data products and integrations** to simplify and standardise the business metrics definitions across multiple tools, systems and departments (customer dashboards, CRM data structures, custom billing process, Tableau reports, domain specific data marts).
- Creating internal frameworks for data quality management, proactive stakeholders communication, maintaining a high quality documentation of the data processes using best product management practices and internal tools automation.

Business Analysts Team Leader - - international ecommerce SaaS start-up

OCTOBER 2016 - MARCH 2020

Job responsibilities:

- Ownership and continuous improvement of key business processes including billing (**Zuora**), revenue analysis (**R, Tableau**), interpreting experiments results. Inventing and operationalising data tools for automatic performance understanding (**time-series analysis, outliers detection, R**) and leads potential forecasting (**machine learning model in R**). Managing strategic cross-department data projects (standardizing KPIs, simplifying Tableau reporting, data quality monitoring). Team management (recruiting data analysts, mentoring, running workshops).

Senior Business Data Analyst

FEBRUARY 2016– SEPTEMBER 2016

Job responsibilities:

- Leading internal analytics-related initiatives. Creating proprietary in-house **churn prediction model (R, SQL, Salesforce)**, improving **customer analytics and segmentation**, automating workflows using R (**Shiny, R Markdown**), creating dashboards and visualizations with **Amazon Redshift** data warehouse and BI tools (**Tableau**). Supporting CFO and CEO with ad hoc analysis guiding strategic decisions.

Founder, Chief Data Analyst

NOVEMBER 2014–JANUARY 2016

Job responsibilities:

- Designing and optimizing algorithms for the **recommendation engine** powering the proprietary application, validating market demand for the product, building and managing the team. Pilot data analytics projects focusing on **customer segmentation** (RFM analysis, clustering), **customer lifetime value, advanced web analytics, sales analysis** (association rules mining, time series forecasting, regression analysis), recommender systems and offer personalization for retail and eCommerce companies (Divante, S` portofino, Solar, CCC, CDP.pl).

Head of Research - Brokerage house

AUGUST 2011–MARCH 2014

Job responsibilities:

- Managing a team of analysts, creating strategic **market reports and macroeconomic forecasts based on econometric models** both for internal use and for institutional investors, leading daily market calls (teleconferences with 30+ managers), representing company in media as Chief Economist (3-5 times per month guest of business TV channels, about 30 monthly mentions in main business newspapers). Regular **updates for the management board** about the main trends in Polish and global economy, strategic advice in the process of creating and launching new structured investment products.

Financial Markets Analyst - Brokerage house

SEPTEMBER 2010–JULY 2011

Job responsibilities:

- Investment research, publishing in-depth market reports for investors, representing company in the press and TV as expert on foreign markets and macroeconomy.

Financial Markets Analyst - Personal finance services

JANUARY 2007–SEPTEMBER 2010

Job responsibilities:

- Analysis of stocks and currencies using fundamental and technical analysis. Research published in main Polish financial newspapers, magazines and online services.

Financial journalist, internship - Financial news online portal

JULY 2006–SEPTEMBER 2006

Job responsibilities:

- Writing reports from press conferences, conducting interviews with CEOs of public companies.

Education

Studies: Data Science Specialization at Johns Hopkins University, Baltimore, Maryland, USA, 2014

9-month course on machine learning

Studies: PhD., Warsaw School of Economics, Warsaw, Poland, 2010 – 2013

Studies: P.S.D., Investment Management for Financial Analyst, Kozminski University, Warsaw, Poland, 2009

Studies: International Exchange Program, Northeastern Illinois University in Chicago

Studies: M.Sc., Investment Banking, department of Banking and Finance, Warsaw School of Economics, Warsaw, Poland, 2003 – 2009

Thesis: Impact on Financial Crisis on Structured Products Market