



Svajune Klimasauskaite

Senior IT Business Analyst | Data Scientist

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Zurich, CH-8002, EU nationality (Lithuanian)

An IT professional with 14 years experience in business analysis and systems design for a variety of industries. In recent years, I have been implementing AI-based applications, and learning about it's potentials and pitfalls.

My main interest is to maximise business value and impact through IT, BI and AI-based solutions. That include accountabilities like defining a solution vision and roadmap, managing stakeholders, their expectations and product backlog, monitoring solution performance and value, and continually adapting to customer needs and behaviours.

A few of my recent deliverables:

- Led quantitative analysis on the clinical trials's PDFs using NLP to standardise and optimise the documentation cycle required for health authorities submission.
- Segmented customer database according to the Big Five personality traits.

Skillset

Frameworks	Agile (SAFe and Scrum), Holacracy, V-Model, Waterfall
Standards	BABOK, PMBOK, DMBOK, UML, TOGAF, PEP 8
Tools	Confluence, Jira, Tableau, Jupyter Notebook, Enterprise Architect, HP-Quality Center, Git, PyCharm.
Technical skills	SQL, Python, Pandas, Numpy, Matplotlib, Seaborn, Spacy, Gensim, scikit-learn, TensorFlow, ETL, Data Modelling, PySpark
Languages	- Lithuanian (fluent), - English (fluent), - Russian (B1), - German (A1)

Professional Experience

2020.09 - 2021.03

Data Scientist (Contractor)

Roche (PDEx-OI Team) - Zurich, Switzerland

- Developed a logical data model from the global operational DWH to create an E2E dataset of **clinical trials activities, resources and costs**.
- Applied statistical and machine learning techniques such as **regression, dimensionality reduction, clustering** and **anomaly detection** on time series data.
- Created a **data extraction pipeline** to convert pharmaceutical PDF documents to JSON format for further analysis.
- Applied various NLP methods to text analysis, such as **word embeddings** and **topic modelling**, to understanding structural and contextual document differences.
- Introduced and implemented a collaborative environments such as **GitLab** and **Confluence**, as well as **software engineering principles** for data science code.

2019.01 - 2020.08

Data Scientist (Contractor / Investor)

Early Phase Startups - Zurich, Switzerland

- Designed and implemented a **cost-effective** data dashboards.
- Conducted a customer **psychometric observational study** in collaboration with ZhaW Zurich University.
- Acquired **subjective** and **objective** psychometric **data**. Objective data captured via EEG, heart rate, skin conductivity and facial expression. Subjective data captured via deep psychological interview.
- Applied **speech recognition** solution (Speechmatic) to convert the audio signal into a text, for further NLP processing, such as sentiment analysis and topic modelling.
- **Consolidated** subjective and objective data along with customers payment behaviour. This gave us the basis for tailoring marketing campaigns to resonate with specific segment of population.

2017.08 - 2018.12

IT Business Analyst (Contractor)

Credit Suisse (SUB) - Zurich, Switzerland

- Tailored Agile technique for **DWH and BI teams** to find the optimal fit of the methodology within organisational constraints. Achieved **sprint commitment** to 95%.
- **Modeled** a credit risk data, **specified ETL** process and **defined SQL queries** for data retrieval.
- **Designed** business **reports** to build valuable insights that enabled the business to act.

2016.11 - 2017.07

IT Business Analyst (Contractor)

UBS (US region) - Barcelona, Spain

- Scaled **Email Marketing Campaign** solution from PoC to production.
- Planned, organised, communicated, specified software requirements and supported globally-distributed development team.

2016.09 - 2016.10

Camino de Santiago pilgrimage experience

2014.07 - 2016.08

Lead IT Business Analyst (Contractor)

European Intellectual Property (IP) Office - Alicante, Spain

- Facilitated attorneys' work by implementing the Case Law Search solution, which **consolidated IP decisions** from internal and external sources (i.e. National Court, General Court and Court of Justice) in 24 EU languages.
- Eliminated paper registration forms by **upgrading** the IP-Design e-filing **application**.
- Consolidated EU Infringement Cases by **implementing** ACRIS **solution**, which served various stakeholders, such as Trade European Commission, EU Delegations, Enforcement authorities and EU businesses.
- Implemented solution to **encompass legal content sites** available in each member states.
- **Transformed HR and Finance** operations by aligning processes to SAP Success factor, SAP BPC and SAP Concur products.

2010.03 - 2014.06

Lead IT Business Analyst | Product Manager

Baltic Amadeus - Vilnius, Lithuania

- Introduced the upcoming business process changes via **as-is** and **to-be** analysis.
- Performed **gap analysis** and achieved alignment across all involved stakeholders, like sponsors, SMEs, change management, cross-functional teams, PMs, BAs, Architects, QAs and Developers.
- **Successfully launched** new core banking system (Oracle Flexcube) with products that I directly curated such as Direct Debit and Utility Payments, Trade Finance and Factoring.
- Performed an **assessment analysis** for EUR currency adaptation within Direct Debit and Utility Payment products.
- Improved the business requirements of the tender package by **removing ambiguity**.
- Performed a **cost-benefit analysis** for asset maintenance software to determine the best fit for purpose.
- Managed **COTS product development** and **pre-sale** activities. Successfully scaled across various industries like Natural Gas, Oil Refinery, Bank, Ministry, University.

2007.03 - 2010.02

IT Business Analyst

Affecto Lietuva - Vilnius, Lithuania

- **Scaled** the centralised document management system from PoC to production across 50 regions.
- **Designed APIs** to integrate with other applications like Pension Fund, Social Allowance, Hospitals, National Archive, etc.
- Implemented a **self-service portal** for the insurer and insured to push social services online.
- **Adopted** a national, certified **digital signature** throughout the complete lifecycle of the process. i.e. from submission up to archive.
- **Refactored** the **back-end solution** from the hierarchical database to a relational database due to technical limitations.
- **Implemented** a Decentralised Claim Administration solution to eliminate fraud cases, optimise administration and distribute the workload throughout different geographical offices.

Education

MSc in

Electronics Engineering

@ Vilnius Gediminas
Technical University,
Lithuania, 2006 - 2009

BSc in

Electronics Engineering

@ Vilnius Gediminas
Technical University,
Lithuania, 2002 - 2006

Continuous Education

- **CBAP** Business Analysis @IIBA, 2021
- **Data Science** Nanodegree @Udacity, 2021
- **ML with TensorFlow** Nanodegree @Udacity, 2020
- **SAFe** Product Owner/Product Manager, 2019
- **AI Product Manager** Nanodegree @Udacity, 2019
- **Data Analyst** Nanodegree @Udacity, 2019
- **CBIP** Data Analysis and Design @TDWI, 2019 (1/3)
- **UML** Professional Advanced @OMG, 2012