



# ALEX ZATYKÓ

## DATA ENGINEER

### LANGUAGE SKILLS

**2011.** English „Origo” B2 language exam (active knowledge)

**2012.** German B2 oral language exam (passive)

**2013.** English STANAG 2.2.2.2. NATO military terminological language exam

### HOBBIES

football, music, chess

### MAIN SKILLS

- Quick learner
- Adaptability
- Create a good atmosphere
- Problem solving
- Critical mindset

### EXPERIENCES

#### DATA ENGINEER • DRUCK.AT • JANUARY 2020 –

- Migrating data from legacy system to Snowflake (Cloud based DWH)
- Maintaining data in Snowflake
- Creating/maintaining dashboards in Tableau, QlikSense, Looker
- Creating solutions for non-technical departments
- Collaboration with departments related to sales, production, marketing and finances
- SQL scripts for reports
- Developing ETL scripts in Python
- Working with Google BigQuery
- Working with River/Streamset through ETL process

#### BUSINESS INTELLIGENCE DEVELOPER (ERASMUS INTERNSHIP) • CHASSIS BRAKES INTERNATIONAL (LISBON) • FEBRUARY 2019 – SEPTEMBER 2019

- Developing business applications in Qlik Sense
- Analyzing/visualizing data
- Planning and developing databases/data structures
- Maintaining development server

#### CHANGE COORDINATOR TRAINEE (GERMAN AND ENGLISH) • IT SERVICES HUNGARY • FEBRUARY 2018 – FEBRUARY 2019

- Managing network device changes for German partner company
- Keeping contact with implementer teams
- Taking part in daily conference calls

#### MILITARY SERVICE • LUDOVKA BATTALION • AUG 2012 – NOV 2013

- Taking part in training camps and military practices



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## CERTIFICATES

- 100 Days of Code - The Complete Python Pro Bootcamp for 2021
- Complete SQL + Databases Bootcamp
- Complete Python Developer in 2020: Zero to Mastery
- Databricks Fundamentals & Apache Spark Core
- Spark and Python for Big Data with PySpark
- The Web Developer Bootcamp
- Learning Path: C++ Game Programming

## SKILLS

- **Programming languages:** C, C++, C#, Java, Javascript, Node.js, Python
- **Databases:** SQL – MySQL, PostgreSQL; MongoDB, SQLite
- **Web Development:** CSS, Bootstrap 3/4, Flask, JNode, Javascript
- **Software knowledge:** MS Office, MS Visual Studio, Visual Studio Code, PyCharm, Unity, HeidiSQL, Valentina Studio
- **BI tools:** Qlik Sense, Tableau, Looker
- **Data pipelines:** River/Streamset, Python
- **Cloud technologies:** Snowflake, Google BigQuery, Databricks
- **Software testing techniques** – DE-IK Costip programme (Based on ISTQB)
- **Driving license**
- **Military basic training**
- **Portfolio:** <http://alexzatykoo.pythonanywhere.com/>

## STUDIES

### BUSINESS IT • UNIVERSITY OF DEBRECEN • 2014 - 2019

As I was interested in both business/economy and programming I decided to choose this course. During my studies I deepened my knowledge in programming/algorithm studies. I wrote my thesis about: *Game theory: investigate the Football Manager application in terms of logical construction and functional behaviour.*

### COMPUTER SCIENCE • POLICTECNICO DO PORTO - ISEP • FEB 2017– JULY 2017

I wanted to challenge myself in an international environment and improve my professional and language skills so I spent a semester in Porto through ERASMUS programme. All my courses were in connection with software development.



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**BASIC LOGISTICS • BESSENYEI GYÖRGY SECONDARY SCHOOL •  
2013 - 2014**

I studied the aspects of logistics for example: planning orders, marketing, packaging, optimizing production, promotion, sales.

**MILITARY ENGINEER • NATIONAL UNIVERSITY OF PUBLIC  
SERVICES • 2012 - 2013**

After a successful year I suffered an injury and was released from my contract by the medical department. Beside the university classes we were regularly on training camps and military practices.



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