



KRYŠTOF MARVAL

ABOUT ME

Data Analytics student with Software development background. Currently working as a Data Engineer at Fidoo.

EDUCATION

○ sep 2019 - jun 2023

SPŠE Ječná

Information Technologies

My Secondary Technical School studies gave me a lot of insight into the basics of programming, web design, networking and database design. It shaped my interest in computers altogether. Thanks to my studies there I landed my first job in the field.

○ sep 2023 - Present

VŠE Fakulta Informatiky a Statistiky

Data Analytics

A 3.5-year degree with a strong emphasis on practical application over theory, highlighted by a mandatory internship in the final semester. One-third of the courses are taught in English. The curriculum focuses on foundational statistics, machine learning methods, and various data-related disciplines.

WORK EXPERIENCE

○ nov 2022 - jun 2024

NN IT Hub

SOC Analyst

My experience at IT Hub gave me a lot. As my first job with technical background and also a first job at corporate company it taught me many valuable skills. I've learned how to do my work responsibly and cleanly. Also it taught me how to work in a large team and more importantly how to communicate with other teams. From technical perspective I've worked with SIEM systems, delved into the security solutions of different cloud platforms and learned a heap about how networks and operating systems work (mainly Windows). Also learned how to manage tickets in ServiceNow.

○ jun 2024 - Present

Direct Fidoo

Data Engineer

I joined the company at the start of the Data Lake integration and worked closely with the main Data Engineer. I created and managed data pipelines using ADF, wrote custom Python scripts that were run on Azure Batch service, and prepared custom export solutions in XSLT for the Fidoo app. My biggest achievement was implementing a custom logging solution, which included everything from the logging library to the final Power BI report, providing crucial insights into our script runs.

CERTIFICATIONS

Oracle

Database Design and Programming with SQL

Java Foundations

Cisco

NDG Linux Essentials

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SKILLS

OOP programming

Java, C#, Python, basic C++

Relational database

design and programming

MySQL, MSSQL, Oracle, MongoDB

SSBI

PowerBI

Networking

Web development

Frontend:

Tailwind CSS, Typescript

Backend:

NodeJS (Express),

Python (Django, Flask)

Data Engineering

Python (pandas, numpy, scikit),

R

Linux basics

Debian based distros

Cloud

Azure Data Factory, Azure Batch,

Azure Data Lake, CosmosDB

LANGUAGE

Czech

English