TADEÁŠ FOŘT

Data Engineer ~ Full Stack Web Developer

🌐 tadeasfort.com
✉ taddy.fort@gmail.com
📞 +420 739 8177 714
○ github.com/tadeasf
📍 Prague, Czechia
in /in/tadeáš-fořt-317ab1124

SUMMARY

I am a data engineer with skills in both back-end and front-end web development. I have experience in lead roles building production level APIs using FastAPI. I build data pipelines, design and deploy infrastructure on cloud as well as on traditional servers.

What is more I have plenty of experience with on-boarding, guiding and teaching new junior data analysts.

SKILLS

Languages: Python, JavaScript, Go

Technologies: Linux, Docker, Cloud, NoSQL, SQL

PROJECTS

Go, Gin	**Go News API**	https://github.com/tadeasf/go_news_api

Go-based news API that fetches and manages news articles from various sources with database integration and Swagger documentation.

Python, Typer	**CLI client for chatting with LLMs using the liteLLM**	https://github.com/tadeasf/chatgpt-cli

Simple yet effective command line client for chatting with LLMs using the official API. Open source based, shows ability to cooperate and engage with OS community as well as obligatory git/github skills.

Flutter, FastAPI, TS	**Flutter chat viewer - Elysia/FastAPI**	https://github.com/tadeasf/flutter_chat_viewer

Flutter/tauri app which displays messages with media from Meta data export stored in mongoDB/postgreSQL. Backend built on both fastAPI and Elysiajs

EDUCATION

10/2022 - x	**Master's degree in New Media Studies**	**Charles University - Faculty of philosophy**

Master's thesis: Comparison of clustering methods - which one to use during network analysis

10/2016 - 5/2020	**Bachelor's degree in Area Studies**	**Charles University - faculty of Social Sciences**

Bachelor's thesis: Dissent in the Baltic republics

EXPERIENCE

2/2022 – current	**Daytrip**	**https://daytrip.com**

- Lead data engineer in the team. Responsible for designing data infrustructure.
- Built custom ETL pipelines in python, javascript and even in go.
- I've integrated L0 BigQuery data layers from MongoDB, various APIs, PostgreSQL and others.
- I had the responsibility for on-boarding and teaching junior analysts.

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MongoDB  /  BigQuery  /  Custom ETLs in Python
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x/2023 – 9/2024	**ZizCON**	**https://zizcon.cz**

- I've designed a larger web app project. Full stack development all on my own.
- For a charity-based event I've prepared full authentification backend based on FastAPI users package.
- I've integrated Stripe backend for online payment processing.
- Also integrated CMS - Strapi - for ease of use and future-proofing.

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React  /  FastAPI  /  Strapi  /  Stripe
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LANGUAGES

English - C1+, **Czech** - native