

EMPLOYMENT

Software Engineer **Self-employed, Prague, Czech Republic** **Jan 2020 - present**

- Creating automatic email sending microservice Postemailer with Flask-Mail
- Developing architecture design, backend and frontend implementation of TE-ZA-DO app with Flask

Technologies: Python, Docker, Flask

Structural Analysis, Fatigue and DT Analysis Engineer **TECMOS spol. s.r.o, Nivnice, Czech Republic** **Apr 2015 - Jun 2020**

- Structural analysis, fatigue, crack growth and damage tolerance analysis in Aerospace and Automotive industries

Technologies: FE analysis, NASTRAN, AFGROW

EDUCATION

Brno, Czech Republic **Brno University of Technology** **Sep 2013 - Jun 2015**

- M.S.E. in in Aircraft Design, Jun 2015.
- Graduate coursework: birdstrike impact on a leading edge of a composite wing

Brest, Belarus **Brest State Technical University** **Sep 2007 - Jun 2011**

- B.S.E. in Mechanical Engineering, Jun 2011.
- Undergraduate coursework: machine building technologies

TECHNICAL EXPERIENCE

Projects

- **TE-ZA-DO** (2020 - present) - questionnaire app to determine the structure of temperament (Pet-project) (<https://tezado.fun/>). Designed and implemented backend and frontend. App is under current development (Python, Flask, MySQL)
- **Postemailer** (2020) - automatic email sending microservice with Flask-Mail. Implemented support of different templates (Gmail, SendGrid and MailGun), possibility to use in conjunction with proxy-server (nginx) via docker-compose (Docker, Python, Flask)

CERTIFICATIONS

- [Docker Deep Dive](#)
- [Microservice Applications in Kubernetes](#)
- [Elastic Stack Essentials](#)
- [LPI Linux Essentials Certification](#)
- [The Bits and Bytes of Computer Networking](#)
- [Taming Big Data with Apache Spark and Python](#)
- [Python and Flask Bootcamp](#)
- [Python Programming: A Concise Introduction](#)
- [Python Basics](#)
- [Introduction to Structured Query Language \(SQL\)](#)
- [AWS concepts](#)

SKILLS

- **Technologies:** Python, Flask, HTML, CSS
- **Testing:** Travis CI
- **Tool & OSes:** Linux, Windows, vim, Docker, Elastic Stack, Kubernetes
- **Databases:** MySQL
- **Team Development:** Git
- **Languages:** English (fluent), Czech (fluent), Russian (native), German (beginner)

INTERESTS

- Programming, aerospace, traveling, badminton, hiking, bikeriding, argentine tango, music