



PAVEL MISES

Brno, Czech Republic
(Central European Time)
pavel@mises.me

Skills

Python

Django

Flask

Go

PHP

React

JavaScript

REST API

Microservices

RabbitMQ

Docker

PostgreSQL

SQLite

Full-stack developer with more than 20 years of experience designing and building services, web applications, and complex technical solutions. I have been working mostly in Python, but have also used other languages, such as JavaScript, Go or PHP. Interested in demanding tasks, I'm always open to use whatever technology is required to get the best job done.

I have gained extensive experience from fast-paced startups (two of which were successfully exited) and established corporations, with responsibilities as a senior full-stack developer, focused mainly on the back-end part.

Experience

Senior Full-stack Developer at social sweethearts GmbH
(<https://www.socialsweethearts.de/>), Munich, Germany (remote)

February 2023 – present

Developing services (including an AI image generator created from scratch) that are used to pursue a KPI and data driven publishing strategy of one of the largest publishers of individualized, family-friendly content and games worldwide. Social sweethearts put a smile on the faces of tens of millions active users every month.

Python	Django	Django REST framework	FastAPI	React
MySQL	MongoDB	Terraform	CI/CD	Docker
				AWS

Senior Python/Django Developer at Stream (<https://getstream.io>), Boulder, Colorado (remote)

November 2020 – December 2022

Senior Python and Django developer for a startup that provides an enterprise-grade chat and activity feed serving more than a billion end-users. Mostly developing backend services (REST API) of the central web component and billing services that were integrated with Stripe and HubSpot. Also did a major rewrite of an open-source Python library that Stream uses for sampling of database data:

https://github.com/GetStream/dev_db

Python	Django	Django REST framework	Celery	React
PostgreSQL	HubSpot	Stripe	CI/CD	Docker
				AWS

Lead Full-stack Developer at SQLdep, acquired by Collibra
(<https://www.collibra.com>), New York City (remote)

July 2017 – February 2023

Lead Django developer for a startup analyzing SQL code and providing insights and automatically generated graphical documentation of complex code. Helping executives to align technology with product vision and to meet requirements for code quality and scalability of the product, as well as being fully responsible for the smooth process of technical due diligence during [Collibra acquisition](#).

Python	Django	Celery	RabbitMQ	React	SQLite
PostgreSQL	Salesforce	nginx	CI/CD	AWS	Docker
					Jenkins

MySQL

IBM Db2

AWS

nginx

CI/CD

Git

Agile Development

Collaboration & Teamwork

Communication

Languages

English

German

Czech

Freelance IT Consultant at Ing. Mgr. Pavel Mises (remote)

April 2016 – present

As a freelancer and IT consultant I worked for various clients helping them with automation and complex technical solutions. Projects that I worked on include:

- **MY FOOD/Sklizeno (<https://sklizeno.cz>)**: I was designing and building an information system for a local restaurant chain, including an e-shop and a tablet application for customers to be able to order food using the app instead of asking waiters, as well as data integration with an external food storage system.
- **Svobodní (<https://www.svobodni.cz>)**: provider of technical solutions for a local political party. Helped to design and develop an open-source voting system so that the political party could securely and anonymously vote for their representatives and various proposals in an online environment. You can find the source code of the project here: https://github.com/svobodni/ballot_box

Python Django Flask PHP Zend Framework JavaScript

Senior Fullstack Developer at Pingdom, acquired by SolarWinds (<https://www.solarwinds.com/pingdom>), Brno

July 2015 – April 2016

Pingdom was a Swedish website stability monitoring startup acquired by SolarWinds. Hired as a senior software developer, where my responsibility was to help the team build new features in Pingdom product, to help IT departments to manage server incidents. This includes working in Go on the backend of the product, as well as building the frontend dashboard in React, to clearly display enough information about incidents that happened. I also focused on several internal tools for SolarWinds developed in Python.

Python Go React CoffeeScript JavaScript

Senior Python Developer at FIEGE (<https://www.fiege.com>), Prague

January 2014 – July 2015

Fiege Group is one of the leading European logistics companies. I travelled daily and analyzed business processes in warehouses all across Central Europe. I communicated with local managers and clients, and designed/built warehouse management systems and technical solutions for automating and improving their logistical processes. Clients I was responsible for include:

- **Zalando (<https://www.zalando.de>)**: German-based and European leading fashion startup, enabling customers to order clothes to their home and return those which are the wrong size. My responsibility was to help them implement the logistic IT processes in their outsourced warehouses in Central Europe.
- **Deichmann (<https://www.deichmann.com>)**: the largest footwear retailer in Europe. I was responsible for the automation of their logistic processes in a warehouse in the Czech Republic, based on communication with managers in Germany and by analyzing processes and requirements.

Python Jython SQLite IBM Db2 Apache Tomcat

Python Developer at Seznam.cz (<https://www.seznam.cz>), Brno

March 2012 – January 2014

Seznam.cz is the Google equivalent for Czech and Slovak languages and the most visited web portal in the Czech Republic. I was a lead Python developer of an internal system for the management of almost 1500 employees, their attendance, vacations, company hierarchy, and online communication.

Later, I became the main developer of the largest Czech news website called Novinky.cz (more than 4 million monthly visitors) where I took care of scalability of the product, SQL queries optimization and data integration with other platforms.

Python Django Flask C++ MySQL JavaScript nginx

Full-stack Python Developer at CZAU.NET, Brno

June 2004 – March 2013

Designed and built an internal order management system in Python using the Django framework, to significantly simplify and automate processes with customer's orders and invoices. Also focused on building websites together with an internal CMS system using PHP, as well as administering our workstations and servers running on Linux and Windows.

Python Django PHP MySQL JavaScript Apache Bash

Education

Master's degree in Applied Informatics (Computer Science), Faculty of Informatics, Masaryk University, Brno

March 2010 – February 2012

Master's thesis: *Web applications in Haskell*.

Bachelor's degree in Applied Informatics (Computer Science), Faculty of Informatics, Masaryk University, Brno

September 2005 – February 2010

Bachelor's thesis: *Syntactic analysis and type evaluation in Haskell*.

Master's degree in Finance and Accounting, Faculty of Economics and Administration, Masaryk University, Brno

September 2016 – June 2018

Specialization in Financial Markets, master's thesis: *Financial markets and Brexit*.