

Jiří Pokorný

SOFTWARE DEVELOPER · PYTHON, DATA & AI

Profile

Software developer specializing in Python, experienced across data analysis, full-stack development and applied ML/AI — with a track record of taking projects from raw data to a deployed application. Two completed practical theses plus real production development experience. Currently completing a Master of Engineering (Ing.) in Open Informatics.

Employment History

Associate Developer, SAP ČR, spol. s r.o., Brno

SEP 2024 – FEB 2026

- Development and extension of application features based on business requirements (ABAP, SAPUI5, Fiori).
- Resolution of complex production issues through root-cause analysis to keep customer enterprise systems stable and running.

Associate Developer (intern, part-time), SAP ČR, spol. s r.o., Brno

JUN 2022 – SEP 2024

Data Analysis & AI

- Development of an incident classification system as part of the data analysis & AI team using real SAP customer incident data (*see Key Projects – this work formed the core of my bachelor's thesis*).

AP/AR Development

- Development of skills in ABAP, Fiori, UI5 and maintenance processes.

Developer / analyst (part-time), Alvao s.r.o., Brno

FEB 2022 – JUN 2022

- Implementation of new features and program changes in applications using the ASP.NET Core MVC framework (.NET 5/6).
- Frontend development with Razor/Bootstrap and daily work in Microsoft SQL Server.

Corporate Sales Executive, Marcus Evans Ltd, London

JUL 2018 – MAY 2019

- Telephone sales of VIP corporate hospitality packages across Europe, conducted entirely in English.
- Direct negotiation and closing of deals with C-level executives, frequently at Fortune 500 companies.

Details

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Links

[LinkedIn](#) ↗

[GitHub](#) ↗

Skills

Programming Languages

Python · C# · C++ · TypeScript

AI & Machine Learning

scikit-learn · NLTK · spaCy · gensim · transformers · Optuna

Data

pandas · NumPy · SciPy · SQL

Backend & Web

FastAPI · REST APIs · ASP.NET Core · React

Cloud & DevOps

Docker · Kubernetes · Azure

Tools

Git · Linux · Unit testing

Spoken Languages

Czech (native) · English (C2)

Key Projects

Authorship Verification System (Master's Thesis)

- Implementation of an end-to-end authorship verification system for English text. Several hundred experiments ran with BoW/TF-IDF, graph-based, transformer, and LLM approaches.
- Best F1 score of 92.38% achieved using the Longformer model with a fine-tuned classification head.
- Deployment of the best performing model as an interactive web application (FastAPI + React/TypeScript) for real-time verification of text pairs.

ATACA Incident Classification System (Bachelor's Thesis)

- Implementation of a binary text classification model that categorizes SAP customer incidents by classifying the sentences they contain.
- Experimentation with different dataset balancing methods, vector representations, classification algorithms – comparing traditional and modern approaches.
- Best result achieved with the combination of TF-IDF and logistic regression classifier (F1 score of 74.00%).

Education

Master's, Faculty of Business and Economics, Mendel University, Brno

JUN 2023 – FEB 2027

Open Informatics — thesis completed, state exam pending

Erasmus+ exchange at HMU, Crete: Feb – Jun 2026

Bachelor's, Faculty of Business and Economics, Mendel University, Brno

JUL 2020 – JUN 2023

Informatics and System Engineering