

# Peter Hozák



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<https://github.com/Aprillion>

e.g., <https://github.com/StampyAI>

## Work experience & skills

### Software engineer, ALICE Technologies (CZ)

02/2023 - present

- › Web development – ReactJS, RTK Query, D3, SQL, Java MPXJ, ...
- › Construction project planning – 4D models, Gantt charts, CP optimizer (ILOG), workflow management

### Software engineer, MSD (CZ)

11/2015 - 01/2023

- › Web development – React, Redux, React Query, Node, Java, Hibernate, Python, Selenium
- › Vaccine testing – 4PL curve fitting, test result evaluation workflows for PCR, ELISA, UAD
- › Reusable search components – UIs on top of Elasticsearch, PostgreSQL, Hibernate and other solutions
- › Business Analysis – vaccines clinical testing and sample management
- › Tech Lead, Scrum Master, Data Visualization, ... as needed in agile teams

### IT consultant, self-employed (CZ)

01/2015 - 11/2015

- › Search query parser for translation – OMeta, Python
- › Optimizing automated tests, Perl

### Software test engineer, Linguamatics (UK)

02/2013 - 12/2014

- › Exploratory testing of Text Mining software
- › Automation – Perl, Python
- › AutoHotkey and JS utilities
- › Documentation

### IT consultant, E404 (SK)

01/2011 - 12/2012

- › Database Migrations – data cleaning, regex parsing, scripts and manual updates, testing
- › Advanced Spreadsheet tools for project management
- › Business Analysis

### Business operation analyst, Tatra banka (SK)

02/2010 - 11/2011

- › Data analysis for IT Demand Management (estimates vs delivery, bug fixing SLAs)
- › Reporting to managers, controlling and board members – “TB Wallet”
- › Database migration from HP Quality Center to IBM Tivoli Service Management
- › Data cleaning and normalization – Python
- › Consulting for Agile transformation

### Tester / Test manager, Tatra banka (SK)

03/2008 - 02/2010

- › Test lead for 2 small teams – loan processing workflow automation and blacklist consolidation
- › Defect Management Process improvements – statistics, documentation, discussions with stakeholders

## AI Safety projects / interests

### Stampy

2022 - present

- › UI dev/maintenance (<https://aisafety.info>) – ReactJS, Remix, CloudFlare Workers, TensorFlow, GitHub Actions

### HAAISS

2024

- › Human-aligned AI Summer School – learned about Singular Learning Theory and ideas later distilled as Gradual Disempowerment

### ML4Good

2025

- › bootcamp to practice ML basics – train a model, run evals with an LLM judge, ...