

Peter Hozák



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Research engineer, EquiStamp *remote* **11/2025 - present**

- › Web dev - updating *Inspect View*, vibe coding prototypes, *AFFINE seminar app* to support students or alignment research, Next.js on Cloudflare vs Vercel, ...
- › QA consulting building evals

Software engineer, ALICE Technologies *Prague, CZ* **02/2023 - 06/2025**

- › Web dev - ReactJS, RTK Query, D3, SQL, Java MPXJ, ...
- › Construction project planning - 4D models, Gantt charts, Constraint Programming

Software engineer, MSD *Prague, CZ* **11/2015 - 01/2023**

- › Web dev - React, Redux, React Query, Node, Java, Hibernate, Python, Selenium
- › Vaccine testing - 4PL curve fitting, test result evaluation 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 *remote* **01/2015 - 11/2015**

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

Test engineer, Linguamatics *Cambridge, UK* **02/2013 - 12/2014**

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

IT consultant, E404 *Bratislava, SK* **01/2011 - 12/2012**

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

Test manager / Business operation analyst, Tatra banka *Bratislava, SK* **03/2008 - 11/2011**

- › Test lead for 2 small teams - loan processing workflow automation and blacklist consolidation
- › Defect Management Process improvements - statistics, documentation, discussions with stakeholders
- › Data analysis for IT Demand Management (estimates vs delivery, bug fixing SLAs)
- › Reporting to managers, controlling and board members - "TB Wallet," Agile transformation
- › Database migration from HP Quality Center to IBM Tivoli Service Management
- › Data cleaning and normalization - Python