Peter Hozák

https://peter.hozak.info
peter@hozak.info
+420 702 145 185

https://linkedin.com/in/hozak
https://github.com/Aprillion
e.g., https://github.com/StampyAI

Work Experience & Skills

Frontend Engineer, ALICE Technologies (CZ) — 02/2023 - present
› Web development – React, Redux, AngularJS, Docker
› Construction project planning – 4D models, Gantt charts, CP optimizer (ILOG)

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

Open Source, Articles

StampyAI
› Stampy UI (https://aisafety.info) in React, Remix, CloudFlare Workers, TensorFlow, GitHub Actions
› Collaboration on Discord chatbot with GPT3 and other modules, Flask backend server, content editing on Coda

Blog posts
› Self-Join in Sheets, SQL, Python, and JavaScript – https://bit.ly/self-join
› Schrödinger's cat explains TypeScript<Generics> – https://bit.ly/schrodinger-generics
› Assumptions, treacherously precious – https://bit.ly/assumptions-precious