

Michal Zak

Software Test Engineer

Over the past years, I've primarily focused on the technical aspects of testing. This includes gaining a comprehensive understanding of how complex software systems interact to design robust, scalable test automation solutions based on modern best practices. I thrive on collaborating with colleagues to solve technical challenges, constantly expanding my skills through continuous team learning. With an open and communicative mindset, my easy-going and friendly personality helps me bridge communication and align with team needs. I continuously strive to deliver high-quality software under demanding technical conditions.

Personal Info

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Date of birth
05.04.1984

GitHub
<https://github.com/zako05>

LinkedIn
<https://www.linkedin.com/in/zakmichal/>

Twitter
https://twitter.com/zak_michal

Skills & Proficiency

Exploratory Testing	■■■■■
E2E Test Automation	■■■■■
API Test Automation	■■■■■
Playwright	■■■■■
Git / GitHub	■■■■■
JavaScript	■■■■■
TypeScript	■■■■■
React / Node.js / GraphQL	■■■■■
CI/CD (Docker)	■■■■■
Zsh / Vim	■■■■■

Languages

English	■■■■■	Professional working proficiency
Czech	■■■■■	Full professional proficiency
Slovak	■■■■■	Native proficiency

Education

New Horizon College of English in New Zealand
Upper Intermediate, English

Slovak University of Technology
Ing., Informatics

Certificates

ISTQB Certified Tester Foundation Level, License 297

Experiences

August 2025 - June 2026
Software Test Engineer
Trezor, Prague

Projects:
Trezor Suite (Open-source app for secure hardware wallet management)

- Developed Playwright E2E test suites for core crypto workflows (onboarding, passphrase, analytics, etc.)
- Resolved CI test flakiness and Electron teardown timeouts in GitHub Actions test pipelines
- Built automated test verification for product analytics events and link integrity

TechStack: TS, Node.js, React, Playwright, Python, GitHub Actions

August 2023 - June 2025
Software Test Engineer
Instea, Bratislava

Projects:
US Quick Online 1.0 & 2.0 (B2B web-based app to manage clinical supply chain logistics)

- Developed & maintained performance tests using K6 with JavaScript for both projects

US Quick Dispatch Dashboard (Internal web-based app for dispatching international shipments)

- Developed & maintained E2E/API tests using Playwright with JavaScript
- Configured and maintained CI pipeline in Jenkins to streamline application testing

TechStack: JS, Node.js, React, GraphQL, Git (GitHub/Bitbucket), MS Playwright, Grafana Labs K6, Docker, Jenkins

Jun 2023 - Jul 2023
Software Test Engineer
Vectary, Bratislava

(Online 3D design and augmented reality platform)

- Developed and maintained E2E/API tests using Cypress.io
- Configured and maintained CI pipeline in Bitbucket to streamline application testing

TechStack: JS/TS, GraphQL, Git (Bitbucket), Docker, Cypress.io

Jul 2021 - Dec 2022
Software Test Engineer
Vestberry, Bratislava

(B2B SaaS for VC portfolio management, providing data insights and automated reporting)

- Implemented an automated testing framework with Cypress.io that followed best practices
- Developed and maintained E2E/API tests using Cypress.io
- Configured and maintained CI pipeline in GitLab to streamline application testing

TechStack: JS/TS, Node.js, React, Postgres, GraphQL, Git (GitLab), Docker, Cypress.io, Jest

Interests

- Test Automation & JS
- Running
- Traveling
- Splitboarding
- Ice Hockey

Feb 2019 -
Oct 2020

Software Test Engineer

Innovatrics, Bratislava

Projects:

Fingera (B2B SaaS solution providing biometric access control and attendance management for SMBs)

- Performed manual testing of attendance workflows, focusing on biometric fingerprint & facial recognition
- Maintained automated test suites in Selenium WebDriver for core attendance management features
- Architected and deployed a test automation framework using Cypress.io for the new cloud solution

TechStack: Ruby on Rails, Postgres, React, Git (Bitbucket), Docker, Selenium WebDriver, Cucumber, Capybara, Cypress.io

Jan 2017 -
Oct 2018

Software Test Engineer - Lead

Box+Dice, Melbourne

(B2B SaaS Real estate CRM for agents and agencies to manage contacts, listings, and sales)

- Led a testing team to ensure reliable delivery of high-quality software to clients
- Implemented Agile values and principles to integrate testing seamlessly into the development process
- Facilitated regular team ceremonies and communication sessions (e.g. stand-ups, retrospectives)
- Executed structured test plans to maintain high application stability across production releases

TechStack: PHP, Ruby on Rails, Backbone.js, CoffeeScript, React Native, MariaDB, Postgres, Git (GitHub), Jenkins, Jasmine, Selenium WebDriver, Appium