

Filip Pospisil

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EXPERIENCE

Red Hat

Software Quality Engineer

March 2021 – Dec 2025

Remote, Brno, Czechia

- Contributed to Apache Camel IDE tooling across Eclipse, Visual Studio Code, and NetBeans, combining quality engineering with hands-on software development.
- Designed and implemented automated UI test coverage for LSP/DAP clients, significantly improving reliability and release confidence.
- Developed and maintained IDE extensions and tooling, including a VS Code extension integrating the ExTester framework.
- Contributed to the ExTester framework, improving stability, features, and developer usability.
- Fully owned and published a NetBeans Camel LSP plugin (2000+ downloads), delivering workarounds for NetBeans API limitations.
- Progressed from intern to midior engineer over nearly five years, expanding responsibilities beyond testing into tooling ownership and long-term maintenance.

PROJECTS

Code Generator for ExTester

- AI-assisted UI test generation for VS Code extensions
- Experimental tooling that leverages large language models to generate, validate, and iteratively repair UI-level tests for VS Code extensions using the ExTester framework, significantly reducing the effort required to create and maintain reliable UI test suites.

VS Code Extension Tester

- UI test automation framework for VS Code extensions.
- Core contributor to the ExTester framework with hands-on development of framework features and architecture, and author of a standalone ExTester runner that enables executing and debugging UI tests directly in the editor, improving developer experience and adoption.

Apache Camel Tooling for VS Code

- Language and debug tooling for Apache Camel in VS Code.
- Contributed to the development and quality engineering of Apache Camel LSP and DAP clients, focusing on automated UI testing, tooling stability, and CI integration to improve reliability and release confidence.

Apache Camel Tooling for NetBeans

- Language Server Protocol client for Apache Camel
- End-to-end owner of a full-featured NetBeans plugin implementing an LSP client for Apache Camel, including architectural design, workarounds for NetBeans API limitations, and successful publication to the NetBeans Plugin Portal with thousands of users.

Apache Camel Tooling for Eclipse

- Eclipse-based LSP and DAP tooling for Apache Camel.
- Contributed to Eclipse-based language and debugging tooling for Apache Camel, with a focus on quality engineering, test automation, and cross-IDE consistency to ensure reliable developer tooling across platforms.

EDUCATION

Mendel University in Brno	2023-2025
<i>Masters's degree in Computer Science</i>	Brno, Czechia
University of Maribor	2024-2025
<i>Erasmus+</i>	Maribor, Slovenia
Brno University of Technology	2018-2023
<i>Bachelor's degree in Computer Science</i>	Brno, Czechia

SKILLS

Languages: English (C1)

Engineering & Programming: Software Development, Product Development, JavaScript, TypeScript, Java, Node.js, Apache Camel, Computer Science, Algorithms, Theoretical Computer Science

Quality Engineering & Automation: Software Quality Assurance, Quality Assurance, Software Testing, Test Automation, Test Cases, Test Planning, Agile Testing, Regression Testing, Selenium, JUnit

Tooling, DevOps & AI: Microsoft Visual Studio Code, Git, Maven, Jenkins, Jira, Continuous Integration (CI), Continuous Delivery (CD), Agile Methodologies, Scrum, Kanban, Artificial Intelligence (AI), Machine Learning, Evolutionary Algorithms, LaTeX