

# Fedor Zajac

## Backend & Automation Engineer

English (C1), German (B1), Japanese (B2)

Bratislava, Slovakia; willing to commute/relocate

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EU Citizen — eligible for Swiss B-Permit / G-Permit



## Profile Summary:

Backend & Automation Engineer with 12 years of experience at IBM designing internal platforms and automated deployment workflows. Strong focus on reducing operational friction by replacing manual workflows with Ruby and Python services. Solid experience in API design, data orchestration, and integrating systems into containerized runtime environments (Docker/OpenShift).

## Work Experience

### Career Break – Family / Professional Development – June 2024 – present

- Family-related sabbatical
- Continued technical skill development
- German language improvement (B1)
- Active search for a long-term, stable role

### Application Engineer - IBM — June 2020 – May 2024

Lead Developer for an internal automation portal used by 50 developers. Designed, implemented, and maintained the entire frontend and backend architecture.

Technologies: *Ruby, Python, REST APIs, Linux, Docker, OpenShift, MongoDB, IBM Cloud, React, Salesforce*

- Designed and implemented an internal automation platform supporting team deployment workflows.
- Reduced manual deployment time by approximately 3 hours per release per environment.
- Developed backend services for orchestration, validation logic (to reduce human-related errors), and cross-system integrations.
- Platform became a standard tool used daily by development teams across the organization.
- Delivered internal knowledge-sharing sessions on Go basics, Python automation, and machine learning fundamentals.

### Application Developer - IBM — January 2014 – February 2020

Technologies: *Ruby, Linux, DB2, MongoDB, Docker, REST APIs*

- Built internal applications for easy access to data standards and automated reporting processes.
- Developed a scheduling tool for automated data collection and recurring report generation.
- Maintained our Linux server and database, data refresh, ensuring stability and uptime.
- Automated repetitive workflows, significantly reducing manual effort.
- Cooperating with team members from Switzerland and Austria.

### Sales Model Specialist - IBM — June 2012 – December 2013

Technologies: *Excel Macros, Ruby, ODBC*

- Automated data extraction, transformation, and reporting workflows for sales operations.
- Improved internal process efficiency by 30–95% depending on workflow.
- Compiled large datasets and reporting inputs in collaboration with international teams.

## Technical Skills

- **Backend:** Python, Ruby, Go (intermediate).
- **Automation:** scripting, workflow tools, internal platforms.
- **APIs & Data:** REST APIs, DB2, MongoDB, JSON/XML.
- **Runtime:** Linux, Docker, OpenShift, CI/CD pipelines.
- **Practices:** TDD/BDD, system integration.

## Soft Skills

- Analytical problem solving.
- Clear technical communication.
- Experience working with international teams (EU, US, Japan).

## Education:

2002 – 2006

Secondary School of Electrical Engineering with a focus on Computer Networks, completed with a Matura diploma.