

Muhamed Isabegovic

Technical Lead / AI Product Developer

Independent Contractor (e.U.), Vienna

Technical lead with 10 years of industry experience, now building AI features that hold up in production: retrieval-augmented generation, evaluation tooling and guardrails for agent-written code. Based in Vienna, with Ruby on Rails underneath.



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Experience

AI Product Developer (Contract)

Teamtailor

05/2026 - Present · Vienna, Austria (Remote)

ATS & employer branding platform serving 8,500+ companies worldwide, built on Ruby on Rails and Ember.js.

- Part of the Co-Pilot team, contracted through my own company (e.U.); delivering AI product features within Shape Up cycles with end-to-end ownership from pitch to production.
- Designed a retrieval-augmented candidate-prescreening architecture: discrete parse, extract, embed, retrieve and evaluate stages on Sidekiq pipelines, skills embeddings in pgvector namespaced per tenant, RubyLLM with structured outputs and evaluation tooling, built for EU AI-regulation compliance.

Technical Lead

Carv

01/2025 - 04/2026 · Vienna, Austria (Remote)

AI platform for recruiters, built to take over repetitive administrative work so recruiters can focus on building human connections.

- Led and mentored a team of 10 engineers, with full responsibility for delivery and technical excellence, and owned all DevOps within Google Cloud and the CI/CD process.
- Normalised data from different applicant tracking systems into one model, and messages from different channels into one shape for the conversation engine.
- Built an event-based system on a single pub/sub, with explicitly defined events kept normalised throughout the product.

Own projects

Usput.ba (founder and CTO)

- A Rails 8.1 product on RubyLLM, Solid Queue, Hotwire and Kamal; its content generator grounds the model in places retrieved from a places API and its own database, with schema-enforced structured output.

Izbori 2026 (muhamed.at/politika/analiza-izbora)

- A voter guide and seat projection covering all 7,028 candidates, with the seat rules written as code and replayed against 2018 and 2022.

hunt.rubyconf.at (treasure hunt for RubyConf Austria 2026)

- GPS proximity verification of sequential clues, team play and per-hunt leaderboards, held by 473 tests.

Earlier experience

Senior Software Engineer

Meisterlabs

11/2021 - 12/2024

Delivered the Kubernetes migration, improved the Exports architecture, and built a flexible roles and permissions architecture.

Software Engineering Manager

Experfy

10/2019 - 07/2021

Led a fully remote team of around 30 engineers across 7 timezones through a 150 percent scale-up, and never missed a deadline.

C++ Software Engineer

Marvelsoft

01/2018 - 09/2019

Fintech building trading workflow software.

Skills

AI Agents

RAG

LLM engineering

LLM pipelines

LLM evaluation

Structured outputs

Prompt-injection screening

Agent guardrails

MCP

Spec-driven development

RubyLLM

Ruby

TypeScript

Python

Go

Rust

Ruby on Rails

PostgreSQL

Kubernetes

Google Cloud

Software Architecture

Technical leadership

Team leadership

Engineering management

Open Source

pi-brain (intent store for agentic development)

- Author and maintainer: a published intent store for human-gated agent workflows on the pi coding harness; on npm, 9 tagged releases.

enola (architectural regression testing)

- Contributor: built the constraints program, declarative architecture rules evaluated over enola's fact graph, deterministic and fail-closed.

Community

Organiser

RubyConf Austria & EuRuKo

09/2023 - Present · Vienna & Sarajevo

- Founded and organised RubyConf Austria 2026 (Das MuTh, Vienna), with a programme including Dave Thomas, Chad Fowler, Jose Valim and Armin Ronacher.
- Full ownership of EuRuKo 2024 in Sarajevo, the first, longest-running and largest Ruby conference in Europe.

Mentor and team lead

Bosnia and Herzegovina Futures Foundation

05/2018 - 09/2021

Volunteer mentor and Human Potential and Learning team lead; Certificates of Excellence in 2019 and 2021.

Education

Technical University Vienna

01/2022 - Present

Master student: Software Engineering & Internet Computing, Business Informatics.

Bachelor of Science, Information Technology

2016 - 2019

IPI Akademija Tuzla, with a heavy focus on C++ and projects with the Qt framework.

Languages

Bosnian Native or bilingual

English Full professional

German Limited working

Spanish Elementary