



TOMÁŠ MIKULA

SOFTWARE DEVELOPER

CONTACTS

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Říčany u Prahy

[Tomáš Mikula](#)

EDUCATION

2008-2012
SOŠ ROKYCANY

- Programming and electrical engineering

SKILLS

- Teamwork
- Analytical thinking
- Independence and responsibility
- Responsible approach to work
- Willingness to learn new technologies and procedures
- Interest in further professional development

LANGUAGES

- English fluent
- Czech native

PROFILE

Fullstack Software Developer with expertise in Java, Spring Boot, Angular, cloud technologies, and AI-driven solutions.

Experienced in designing and developing scalable enterprise applications, microservices, system integrations, and modern web platforms.

Skilled in backend development, frontend engineering, cloud infrastructure, databases, and CI/CD automation, with a strong focus on code quality, maintainability, and business value.

Passionate about learning new technologies, solving complex problems, and delivering end-to-end solutions from concept to production.

WORK EXPERIENCE

- IDC - Self-employed** 04/2026 - NOW
project: TechMatch
 - Developed Java-based backend microservices for an AI-powered platform connecting technology buyers with vendors.
 - Developed and maintained frontend components using Angular.
 - Designed and implemented AI-powered matching algorithms for global enterprise clients.
 - designed and developed REST APIs for inter-service communication.
 - Worked with AWS cloud infrastructure, including Lambda, S3, and DynamoDB.
 - Monitored applications and infrastructure using Grafana.
 - Managed and maintained CI/CD pipelines in GitLab.
 - Worked with MongoDB databases and data integration processes.
- European Code Factory** 05/2023-04/2026
project: eSpis, eSIR - (digitalization: Ministry of justice)
 - Development of the backend part of the application in Spring Boot in an enterprise system environment.
 - Design and implementation of REST API and SOAP web services according to defined XSD/WSDL contracts.
 - Integration of services of other system modules and communication between individual application components.
 - Working with DB2 relational database, query design and database layer optimization.
 - Implementation of application logic with a focus on input validation, error handling and solution stability.
 - Application logging and work with a central logging solution, application runtime monitoring and troubleshooting.
 - Working with Elastic stack (data search, log analysis).
 - Writing unit tests and integration tests for backend logic.
 - Cooperation on the frontend part of the application - development support in Angular, design of API contracts.

CERTIFICATION

- **Java SE 8 Programmer I**, Oracle
Oracle
January 2023
- **Junior Software Developer**
Green fox Academy
October 2023

WORK EXPERIENCE

- Team collaboration, work with the Git versioning system and task management in Redmine.
- Technology:
 - Java 17, Spring Boot, REST, SOAP, DB2, Hibernate, Maven, Git, OpenAPI, Angular, Elastic Stack, GitLab, Openshift
- **European Code Factory** 12/2025-03/2026
project: HR system integration Sconto CZ/SK
 - Development of a Java application running as an Azure Function in the cloud environment.
 - Integration with external systems via REST API and data exchange. Processing and transforming data and passing it on to other systems and services.
 - Communication with identity and personnel systems and synchronization of data to directory services.
 - Generating and exporting data outputs (e.g. CSV files) for other systems.
 - Working with application configuration in Azure Portal, logging and resolving error states in cloud operations.Technologies:
 - Java, Spring Boot, Azure Functions, Azure Portal, REST API, CSV, FTP, Maven, Git
- **European Code Factory** 03/2023-04/2023
project: Amishhd - ICZ a.s.
 - Development of the backend part of the application in Java within the existing system.
 - Analysis and correction of errors in the existing code, solving operational and functional problems.
 - Refactoring of legacy code with a focus on improving the readability, stability and maintainability of the solution.
 - Collaboration on modifying the application logic and improving the structure of the application.
 - Working with the Git version control system and managing the code in Bitbucket.
 - Build and manage the project using Maven.
 - Technologies:
 - Java, GWT, Hibernate, Maven, Git, Bitbucket
- **European Code Factory** 10/2022-03/2023
project: Landis + Gyr/Transelectrica
 - Development of the backend part of the application in Spring Boot (Java 17).
 - Implementation of integration logic and communication between systems using Apache Kafka.
 - Processing of asynchronous events and data flows in a distributed environment.
 - Design and implementation of REST API for communication with the frontend and other services.
 - Working with the PostgreSQL relational database, designing the database layer and working with data.
 - Cooperation with the frontend, support of development in React
 - Working with the Git version control system and task management in GitLab and Jira.
 - Technologies:
 - Java 17, Spring Boot, Apache Kafka, PostgreSQL, REST API, React, Maven, Git, Hibernate, GitLab, Jira, OpenAPI

ZÁJMY

- Technology and Personal Development
- Active Lifestyle
- Sport (Gym, Boxing, Cycling, Running, Skating, Skiing)