






# JOSEF RYBIČKA full-stack developer

I'm a passionate **backend API developer** (TypeScript/PHP) and **React developer** on frontend. I love modern technologies and I'm trying to apply them wherever possible. In addition to that, I develop some personal side projects, such as [smsbot.cz](https://smsbot.cz).

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## PERSONAL

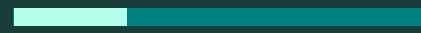
DATE OF BIRTH 9.12.1988  
NATIONALITY Czech  
TECH EXPERIENCE 10+ years

## LANGUAGES

English (fluent)



German (basics)



## PUBLIC SPEAKING

WebExpo 2021 (conference EN)  
LS Talk 2018 (meetup, CZ)

## INTERESTS

Graphics, snowboard, skateboard,  
music, drums

## WORK

2022 until now

### MSD Czech Republic, s.r.o.

NodeJS/TypeScript development of backend component of iOS application. Building integration layer on top of Apache Spark data lake-house using DBT and Python

2016 — 2022

### Livesport, s.r.o.

Building APIs & integration services under heavy load (5-8k req/s) in NodeJS/TypeScript.

2013 — 2016

### STEM/MARK, a.s.

Implementation of marketing research applications using PHP, MySQL and JS, SOAP web services.

## EDUCATION

2011 – 2013

### University of Economics, Prague

Information systems & technology (Master's degree)

2008 – 2011

### University of Economics, Prague

Applied informatics (Bachelor's degree)

## IT/ICT SKILLS

### Frontend development



SPA development using Webpack, React & Redux. Building UIs using libraries such as Bootstrap, Bulma or CSS-in-JS solutions.

### Backend development



Building traditional MVC web projects (social networks, CMSs, administrations) – mostly server-side rendered using OOP patterns in PHP.

Microservices in Express.js and large-scale APIs (GraphQL/REST) deployed on multiple physical servers

### Data engineering



Designing relational databases in SQLServer/MySQL, optimizing performance, basic database administration.

Designing ETL solutions in Databricks lakehouse using DBT and Python

### DevOps



Web server configuration (Nginx), configuring and orchestrating Docker images, setting CI/CD in GitLab, basic shell scripting. Setting up monitoring with Prometheus, logging with Elasticsearch, Logstash and Kibana