



Ing. Radek Busa

Senior Full-Stack Web Developer

Education

- 2015–2020 **CTU Faculty of Information Technology**, *master's degree (MSc. equivalent)*
Field of Study: Web and Software Engineering (graduated with distinction – dean's award)
- 2019–2020 **prg.ai**, *an inter-academic programme for talented AI/ML enthusiasts*
Field of Study: Artificial Intelligence, Machine Learning, Natural Language Processing

Professional Experience

2020–today **Senior Software Engineer, ICZ, a. s.**

I am currently working as a full-stack developer and analyst on a rewrite of a large-scale flagship software product at ICZ, one of the biggest Czech software houses. Alongside day-to-day routine development, I am constantly refining application architecture, introducing test-driven workflow into the development process and bringing creative ideas to the round table of stakeholders.

My responsibilities:

- Software implementation (Angular 11, Spring Boot)
- Software requirements analysis (sometimes)
- Dev-ops tools administration (Docker, Docker Swarm, Jenkins, Maven, npm)
- Interviewing job candidates and creating methodologies for technical screening
- Code reviews (mostly Spring Boot and Angular code)

2018–2020 **Senior Software Engineer, Komerční banka, a. s.**

I have worked on a total of three front-end components of internal banking systems in one of the three biggest Czech banks. Implemented two front-end components from ground-up and maintained one.

My responsibilities:

- Software implementation (Angular 8, Bootstrap 4)
- Analyzed software requirements and helped with enterprise system architecture
- Ensured the front-end components to work nicely with ops tools (Docker, Kubernetes, UrbanCode, Jenkins, nginx, ...)
- Maintained technical documentation
- Supported the systems in production environment (L3 support)
- Interviewed job candidates
- Performed code reviews (mostly Spring Boot and Angular code)

2013–today **Freelancer**

In my free time, I create custom web pages, mobile apps and information systems for small businesses. My work ranges from customer negotiation through design, implementation and testing, resulting in a product of exceptional qualities. My tech stack of choice: Angular, Vue, Ionic Framework, PHP, Smalltalk.

I have achieved so far:

- Developed 27 custom web pages and mobile apps for small businesses
- Delivered 50K mobile app downloads from app stores

2016–2017 **Full-Stack Web Developer Team Lead, *Visito.cz, s. r. o.***

I have created the whole technological portfolio of the (now defunct) startup using Bootstrap, AngularJS, Symfony, Doctrine, Silex and MySQL.

My responsibilities:

- UI/UX design
- Web application development
- Leading a team consisting of three developers
- Web scraping

Achievements

- 2020 Extraction of classification rules from sequences of crystal growth data, a data science research paper submitted to *ITAT 2020*
- 2017 BEST Prague UniT Team Coding Competition, data science category, second place

Certifications

- 2019 DEMO Bachelor
- 2018 Mensa IQ Test (IQ=147)
- 2018 TOEIC® Listening and Reading C1
- 2016 Oracle Academy Database Design and Programming with SQL
- 2015 NDG Linux Essentials

Tech Skills

- Frontend Angular 11, AngularJS 1.x, RxJS, NgRx, Bootstrap, VueJS, ...
- Backend Symfony, ExpressJS, ASP.NET Core, Spring Boot, SQL, Doctrine, Entity Framework Core, JPA, ...
- Tools bash, git, Jenkins, Docker, Kubernetes, Enterprise Architect, IBM UrbanCode, IBM InfoSphere, ...
- Other UML, OpenAPI, Python, Scala, Ruby, Smalltalk-80, COBOL, ...

Language Skills

- Czech Native speaker
- English CEFR C1 Level
- German Basic knowledge

My Personal Perks

- Natural problem solver
- High self-esteem
- Optimist and extrovert
- Extremely productive
- Love for continuous education
- Team player
- Strong self-discipline
- Focused on quality

Interests

- Leadership
- Tech blogging