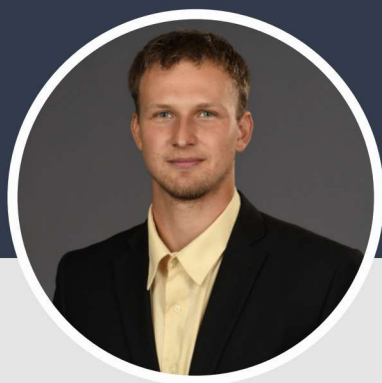




MAREK BÁRTA

BACKEND ENGINEER

CONTACT

- +420 732 212 198
- marekbarta92@gmail.com
- Prague, Czech Republic

LANGUAGES

- Czech (Native)
- English (Fluent)

EDUCATION

2014-2017

Virginia Tech

Blacksburg, Virginia, US
Business Information Technology

2013-2014

Czech Technical University

Prague, Czech Rep.
Web and Software Engineering
* Transferred to Virginia Tech on an athletic scholarship in Spring 2014



PROFILE

Backend Engineer with 8+ years of experience specializing in Laravel, Symfony, and AWS cloud architecture. Optimizing complex database structures, managing Docker and Terraform environments, and deploying automated CI/CD pipelines. Focused on building scalable, data-heavy applications with clean, maintainable codebases. Frequently customizes core framework functionalities to support edge cases and unique architectural limitations.



WORK EXPERIENCE

IBR Consulting

2015 - PRESENT (EXTERNAL)

Web Developer

- Develop and maintain data-driven internal applications, leveraging Symfony and related technologies.
- Diagnosed and refactored data-intensive logic in Doctrine ORM to significantly reduce execution times and improve maintainability.
- Collaborated within a team to develop internal applications in .NET.
- Main technologies: Symfony, Doctrine, React, Docker, Webpack, AI coding tools.

eProgress

Jan. 2018 - PRESENT (EXTERNAL)

Jun. 2017 - Dec. 2017 (FULL TIME)

Web Developer

- Co-architected the infrastructure and executed the process of migrating large websites from on-premises to AWS cloud.
- Implemented Cashier (Stripe) package with an integrated custom front-end to automate payments and accounting in support of subscriptions.
- Gradually reworked and transitioned automated email sending from legacy solutions to third-party API services.
- Developed and optimized various new and existing web features to improve user experience.
- Worked on improving website performance by optimizing the code, SQL queries, bundling assets, adding caching layers, and other techniques.
- Developed tools and helped to ease the transition of large websites from older technologies to new ones.
- Main technologies: PHP, Laravel, JavaScript, TypeScript, SQL Server, Webpack, Tailwind, Docker, Terraform, AI coding tools.
- For contact see link: <https://www.ceskehory.cz/kontakt.php>

Wenam

2011 - 2014 (PART TIME)

Web Development Assistant

- Assisted in website development including back-end, front-end and database architecture in support of customers' websites. Contact: <https://wenam.cz>

SKILLS

PHP and its frameworks

Extensive knowledge of PHP, Laravel, and Symfony well beyond standard use, with a proven track record of adjusting the framework to accommodate unique, non-standard architectural requirements. Handling complex technical edge cases and managing modern asset pipelines using build and bundling tools like Webpack.

DevOps and Cloud

Experience with designing AWS cloud architecture and supporting the deployment process with related technologies such as Terraform, Docker, GitLab pipelines, scripting to set up and maintain the CI/CD deployment process in the cloud.

SQL and databases

Proficient in SQL databases particularly SQL Server, MySQL, utilizing ORM abstractions and raw SQL tuning to significantly improve query performance and optimize underlying structures.

JavaScript, TypeScript, JS frameworks

Experience in developing performance-focused frontend features like text whisperers or online configurators in TypeScript, while optimizing application delivery through Webpack bundling processes. Additionally experienced in working with JavaScript frameworks and libraries including React, Vue, jQuery, and D3.

CSS, Tailwind, Bootstrap

Extensive experience with adjusting website design to accommodate specific needs.

Other

Git, UNIX family operating, Google analytics, Bitmap graphics (Adobe Photoshop), Vector graphics (Inkscape), 3D graphics (Blender), Microsoft Windows family systems, Wordpress

OTHER EXPERIENCE AND INTERESTS

International Track & Field Athlete - Discus Throw

World Championships 2025 (Tokyo), 2022 (Oregon), European Championships 2024 (Madrid), 2022 (Munich)

Financial Markets

Basic understanding of financial markets and trade-related tools, including order book mechanics and different order types like market, limit, or iceberg orders.

Negotiations

Studied negotiation frameworks based on books such as Never split the difference (Chris Voss), Influence (Robert Cialdini).