Michał Markiewicz

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About me

A passionate programmer with over 10 years of experience in a broad spectrum of positions.
At work I love experimenting with new technologies and finding the best solution for a given problem.
My attitude in coding and system design is very accurately described with these quotes:

> *1 hour of analysis saves us 1 week of coding*
> *Premature optimization is the root of all evil*

I'm also owner of roller blinder production company. Experience of having my own business, gave me wider perspective on clash between business needs and technology execution

In my free time I'm experimenting with game development, playing board or computer games, playing guitar or cook

Skills

Programing Languages

- JS (12 years)
- TS (6 years)
- PHP (12 years)
- Elixir (7 months)
- Ruby, RoR, Scala (1.5 year)
- C# (1 year)

Technologies

- Node.js (9 years)
- Vue.js (6 years)
- React.js (1 year)
- Symfony (3 years)
- Angular 2 (1 year)

Other related

- Tech leading, People managing
- DDD, TDD, Agile/Scrum
- Git, Docker, Azure, SB
- MySQL, PostgreSQL, MariaDB
- MongoDB, Redis, Elasticsearch
- Three.js (webGL), Svelte
- Unity, Game dev

Languages
- Polish: native
- English: B2/C1

Work experience

eParagony.pl / spark.pl
Jan 2023 - Jul 2024 · 1 yr 7 mos

A pioneer and the leader in digital receipt solution in Poland. The project involved working with microservices, asynchronous processes, handling high volumes of non-linear traffic and integration with low-level end devices. We worked on the verge of being a market leader in a growing industry with demanding technical requirements. It's worth mentioning the strong emphasis on writing tests that validate the functionality being developed.

Roles: Senior Fullstack Developer
Team / Company size: 4 / 15+
Technologies: Azure, Node.js, TypeScript, MongoDB, React, Elasticsearch, Docker
Tools: Slack, Jira, Scrum/Agile, DDD, TDD

My contribution:
- Improved analysis area with ddd tools, which led to a cleaner and more robust reimplementation of the core domain with great success.
- Strengthened the system's type safety by refining types from losely typed optionals to more granular and explicit definitions and cases.

Contractbook
May 2022 - Dec 2022 · 8 mos

A startup in area of digitizing paper contracts. The company has very strong remote-first work culture. My role was multidimensional: from discovering and planning features, through implementation of both backend and frontend to providing instructions for QA/CS and release to production.

Roles: Senior Fullstack Developer
Team / Company size: 7 / 100+
Technologies: Elixir, React, TypeScript, PostgreSQL, Docker
Tools: Slack, Jira, Scrum/Agile

My contribution:
- Implemented Single Sign-On (SSO) and user provisioning for Okta, enhancing security and user management.
- Initiated the transition from the current frontend testing solution to React Testing Library, improving test reliability and coverage.

Xcactus
Dec 2021 - May 2022 · 6 mos

Due to a NDA, details about the company and project are limited. The client was a big corporation with a massive 20-year-old monolithic system.

Roles: Senior Backend Developer, Domain Architect
Team / Company size: 25 / 1500+
Technologies: Node.js, TypeScript, PostgreSQL, ColdFusion, Docker
Tools: MS Teams, Jira, Scrum/Agile, DDD

My contribution:
- Discovered and documented a complex domain within an environment of hundreds of microservices and a large monolithic legacy application.
- Improved the microservice template used by all teams, streamlining the creation of new microservices.

Speednet
Dec 2015 - Dec 2021 · 6 yrs

While being over six years at Speednet, I participated in numerous projects, and playing key role in a few of them. Below are highlights from some of the most significant projects.

Speednet: Eduhouse.fi
2.5 years

Eduhouse is a Scandinavian market leader in management, finance, and tech video and audio trainings. This project underwent deep structural changes that revitalized the platform and enabled rapid growth.

Roles: Frontend Tech Lead, Backend Tech Lead, Domain Architect
Team / Company size: 10 / 100+
Technologies: PHP, Symfony, Node.js, Vue.js, TypeScript, MariaDB, Elasticsearch, Docker
Tools: MS Teams, Jira, Scrum/Agile, DDD

My contribution:
- Shifted client perspective from rigid specifications to collaborative feature creation, focusing on the best possible implementations.
- Planned and executed the transition from a monolithic architecture to a modular monolithic architecture, significantly reducing technical debt.
- Designed and implemented the frontend application's architecture and structural framework

Speednet: Fico.com
1.5 years

The main website of the Fico company, hosting thousands of pages with client information. I was responsible for the creation and support of a newly redesigned version of the app, both frontend and backend.

Roles: Fullstack Developer
Team / Company size: 5 / 1000+
Technologies: PHP, Drupal, jQuery
Tools: Google Meet, Trello, Scrum/Agile

My contribution:
- Developed a search functionality to efficiently navigate thousands of HTML pages.
- Optimized database queries to enhance performance.
- Integrated a third-party solution for dynamic content translation.

Speednet: Warmmusic.net

6 months

Warm Music is a service that allows users to upload songs and track if they are played on any radio station worldwide. My role was to design and develop the backend from scratch.

Roles: Senior Backend Developer
Team / Company size: 4 / 6
Technologies: Angular 2, Node.js, TypeScript, PostgreSQL, MongoDB
Tools: Google Meet, Trello, Scrum/Agile

My contribution:
- Designed and implemented a multi-step asynchronous queue system connecting to various third-party services, including a payment gateway.
- Developed and delivered the application from initial groundwork to production deployment

Speednet: Get Applause

1.5 years, Project Terminated

Get Applause was a mobile application platform for festival organizers, allowing them to create custom festival apps for their clients. I maintained the web applications and services feeding the mobile apps.

Roles: Fullstack Developer
Team / Company size: 3 / ?
Technologies: Scala, jQuery, PostgreSQL, Redis, Node.js, TypeScript
Tools: Google Meet, Trello, Scrum/Agile

My contribution:
- Integrated the platform with major social media networks (Facebook, Twitter, Instagram) for content sharing and user engagement.
- Developed live and queued push notification systems for mobile apps using AWS.

Speednet: Volunteer System

1.5 years, Project Terminated

Volunteer System was a platform for managing volunteer work across web and mobile apps. I was responsible for maintaining the web applications and the service feeding the mobile apps.

Roles: Fullstack Developer
Team / Company size: 3 / ?
Technologies: Ruby/RoR, Angular 2, PostgreSQL, Redis
Tools: Google Meet, Trello, Scrum/Agile

My contribution:
- Developed multiple integrations with SMS and email services, as well as social media platforms.
- Implemented features for scheduling volunteer work and managing tasks.

Honorable Mention: Internal System for 8-Pool Plays

4 years, after hours

I planned, developed, and implemented a web application for tracking games, tournaments, leagues, and leaderboards, which was used internally at Speednet.

Technologies: Node.js, Vue.js, MongoDB

My contribution:
- Integrated with the Slack API for messaging and login functionality.
- Implemented gamification features to enhance employee engagement.

Freelance - Web Developer

2011 - 2015 - 4 years

E d u c a t i o n

University of Warmia and Mazury in Olsztyn

2010 - 2014

Information systems engineering