

**Aleksander Figiel**  
**Fullstack Software Engineer**  
JavaScript, TypeScript



I specialize in architecting greenfield, high-quality, cloud-ready systems using full-stack TypeScript, Vue.js, Node.js, and appropriate databases, with code organized in a monorepo.

I enjoy tackling complex problems and delivering elegant, optimized solutions.

I like to set up a coding environment that enables a productive developer workflow (out-of-the-box configuration, automation, traceability) and a fast feedback loop for great DX. Recently, I've been exploring AI tools and agents for rapid generation of application code.

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GitHub	<a href="https://github.com/feegloo">github.com/feegloo</a>
hobby	self development, reading, science

## Programming experience (20 years)

2023 - current	R&D Tech Leader	<a href="#">Statscore</a> , Katowice/Hybrid
2020 - 2023	R&D Software Architect	<a href="#">RTB House</a> , Warsaw
2019 - 2020	Senior Software Engineer	<a href="#">McKinsey &amp; Company</a> , Warsaw
2016 - 2018	Team Lead Developer	<a href="#">frosmo.com</a> , Helsinki
2015 - 2016	Software Architect	startup co-founder, Wrocław
2011 - 2015	Software Engineer	<a href="#">fream.pl</a> , Wrocław
2010 - 2011	Java EE Developer	<a href="#">xantus.tv</a> , Wrocław
2006 - 2012	MSc Robotics	<a href="#">University of Technology</a> , Wrocław

## Skills

frontend	design layout JavaScript	Figma HTML5, CSS3, Tailwind CSS TypeScript, Vue.js ( <b>6 years</b> ), React ( <b>2 years</b> ), Angular 1, jQuery
backend	architecture database JavaScript Java EE	REST, monolith, microservices, Kafka SQL (PostgreSQL, MySQL), NoSQL (Redis, MongoDB), BigQuery Node.js ( <b>7 years</b> ), Express.js, Koa.js JSP, EJB
tools		Nx, Lerna, Vite, Webpack
AI		Github Copilot, Claude Code, Qodo CR
testing		Vitest, Storybook, Playwright, Jest
other		Git, Github Actions, Docker, Bash, Code Review, Sentry
cloud		Google Cloud Platform, AWS
servers		Nginx, Linux server architecture & configuration
certificates		Computer Network Security, Mindfulness
english level		advanced (C1)

## Commercial experience (15 years, 30+ projects)

2023 - current

R&D Tech Leader

[Statscore](#)

Technical Leader for a greenfield project called Collector - a responsive Single Page Application enabling data collection and submission from various sports events to a REST API, with live updates via WebSockets pushing data from RabbitMQ. I designed the architecture, coded most of the critical code, translated business requirements into tickets with PM, delegated work to three developers, collaborated with two QA engineers, ensured code quality through code reviews, users feedback and monitoring with Sentry.

Backend: Node.js, TypeScript

Frontend: Vue 3, TypeScript, Tailwind CSS, Radix UI, Storybook, Playwright

2020 - 2023

R&D Software Architect

[RTB House](#)

Designing from scratch a system for real-time warehouse data processing and visualization (monorepo architecture, build, deployment, development environment). The project was architected and initially developed by me; later, I acted as Technical Leader for a three-developer team.

Backend: Node.js, Koa.js, TypeScript, MySQL, BigQuery

Frontend: Vue 3, TypeScript

2019 - 2020

Senior Software Engineer

[McKinsey & Company](#)

Full-stack engineer (React.js 16, Node.js) developing in-house analytical software in a ten-person team. Involved in DevOps responsibilities, including Bash scripting and CircleCI.

2016 - 2018

Team Lead Developer

[frosmo.com](#)

Team Lead Developer for a five-developer team, combining technical leadership with hands-on development. Collaborating with multiple Project Managers to deliver new features for large e-commerce companies operating on legacy systems (Decathlon, MediaMarkt, etc.). Designing and developing company platform extensions that enabled the use of modern JavaScript (ES2015+, Node.js).

2015 - 2016

Software Architect

startup co-founder

Architecting stock market prediction software in a five-person team. I built a secure Linux server from scratch; a Java EE server with an AngularJS (Angular 1) GUI allowed running instances of an existing proprietary prediction algorithm written in Fortran, with a significant performance boost.

2011 - 2015

Software Engineer

[fream.pl](#)

Co-architecting and developing [traffic.navieexpert.pl](#) as a Single Page Application using Leaflet.js. Bootstrapping and developing full-stack Java EE systems for startups and large enterprises.

2010 - 2011

Java EE Developer

[xantus.tv](#)

Developing full-stack Java EE systems with an HTML/CSS frontend generated on the backend (JSP), writing vanilla JavaScript and jQuery, and building ORM queries with Hibernate on top of PostgreSQL.