

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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LinkedIn	linkedin.com/in/AleksanderFigiel
GitHub	github.com/feegloo
hobby	self development, reading, science

Programming experience (20 years)

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

Skills

frontend

design	Figma
layout	HTML5, CSS3, Tailwind CSS
JavaScript	TypeScript, Vue.js (6 years), React (2 years), Angular 1, jQuery

backend

architecture	REST, monolith, microservices, Kafka
database	SQL (PostgreSQL, MySQL), NoSQL (Redis, MongoDB), BigQuery
JavaScript	Node.js (7 years), Express.js, Koa.js
Java EE	JSP, EJB

tools

AI	Nx, Lerna, Vite, Webpack
testing	Github Copilot, Claude Code, Qodo CR
other	Vitest, Storybook, Playwright, Jest
cloud	Git, Github Actions, Docker, Bash, Code Review, Sentry
servers	Google Cloud Platform, AWS
certificates	Nginx, Linux server architecture & configuration
english level	Computer Network Security, Mindfulness 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.naviexpert.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.