

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 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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| birthday | 21.04.1987, Poland |
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| LinkedIn | linkedin.com/in/AleksanderFigiel |
| GitHub | github.com/feegloo |
| hobby | self development, reading, science |

Programming experience (20 years)

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|----------------|--------------------------|--|
| 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

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| 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 |
| | database | SQL (PostgreSQL, MySQL), NoSQL (Redis, MongoDB), BigQuery |
| | JavaScript | Node.js, Express.js, Koa.js |
| | Java EE | JSP, EJB |
| tools | | Nx, Lerna, Vite, Webpack |
| AI | | Github Copilot, Claude Code, Qodo, Gemini Code Review |
| 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 sports events to a REST API, with live updates via WebSockets connected to RabbitMQ. I coded ~70% of the critical code, designed the architecture, translated business requirements into tickets, delegated work to three developers, collaborated with two QA engineers and a Project Manager and ensured code quality through code reviews, users feedback + 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.