

# Aleksander Figiel

## Fullstack Software Engineer

JavaScript, TypeScript



I specialize in full-stack applications built with TypeScript, Vue.js, Node.js, and appropriate databases, delivering high-quality code organized in a monorepo, ready for cloud deployment.

I enjoy leading technical direction, analyzing complex problems to deliver optimized solutions, and creating greenfield applications.

I like setting up coding environments that enable productive developer workflows (out-of-the-box configuration, automation, traceability) and fast feedback loops for great DX.

Recently, I've been exploring AI tools and agents for rapid application code generation.

|          |   |
|----------|---|
| birthday | 21.04.1987, Poland  |
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| LinkedIn | <a href="https://linkedin.com/in/AleksanderFigiel">linkedin.com/in/AleksanderFigiel</a> |
| GitHub   | <a href="https://github.com/feegloo">github.com/feegloo</a>                             |
| hobbies  | reading, sports, cooking  |

## Programming experience (20 years)

|                   |                          |  |
|-------------------|--------------------------|--|
| 2023.06 - current | R&D Tech Leader          | <a href="#">Statscore</a> , Katowice (hybrid)      |
| 2020.02 - 2023.05 | R&D Software Architect   | <a href="#">RTB House</a> , Warsaw                 |
| 2019.01 - 2020.01 | Senior Software Engineer | <a href="#">McKinsey &amp; Company</a> , Warsaw    |
| 2016.04 - 2018.12 | Team Lead Developer      | <a href="#">frosmo.com</a> , Helsinki / Warsaw     |
| 2015.04 - 2016.03 | Software Architect       | startup co-founder, Wrocław                        |
| 2011.07 - 2015.03 | Software Engineer        | <a href="#">fream.pl</a> , Wrocław                 |
| 2010.02 - 2011.06 | Java EE Developer        | <a href="#">xantus.tv</a> , Wrocław                |
| 2006.09 - 2012.06 | MSc Robotics             | <a href="#">University of Technology</a> , Wrocław |

## Skills

|                       |              |  |
|-----------------------|--------------|--|
| frontend              | design       | Figma  |
|                       | layout       | HTML5, CSS3, Tailwind CSS  |
|                       | JavaScript   | TypeScript, Vue.js ( <b>6 years</b> ), React ( <b>2 years</b> ), Angular 1, jQuery |
| backend               | architecture | REST, monolith, microservices, event-driven (RabbitMQ, Kafka)                      |
|                       | database     | SQL (PostgreSQL, MySQL), NoSQL (Redis, MongoDB), BigQuery                          |
|                       | JavaScript   | Node.js ( <b>7 years</b> ), Express.js, Koa.js                                     |
|                       | Java EE      | JSP, EJB ( <b>5 years</b> )  |
| Google Cloud Platform |              | BigQuery, SQL, App Engine, Compute Engine, Cloud Functions                         |
| AWS                   |              | Lambda, DynamoDB, SNS, S3, IAM, CDK  |
| AI                    |              | Copilot, Claude, POC vibe coding, prompt engineering, Qodo                         |
| testing               |              | Vitest, Jest, Storybook, Playwright  |
| development tooling   |              | Nx, Lerna, Vite, Webpack, VSCode   |
| platform & devops     |              | Git, Github Actions, Docker, Bash, Nginx, Sentry, code review                      |
| 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, GCP Cloud SQL, BigQuery, App Engine, Cloud Engine, Cloud Functions

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.