Artur Myszkowski

Warsaw, Poland
contact@arturmyszkowski.pl | linkedin.com/in/artur-myszkowski | arturmyszkowski.pl

Professional Summary

Results-driven Software Engineer with over 8 years of experience, specializing in React ecosystem and full-stack development. Proven track record of leading successful projects to deliver high-performance applications, demonstrated by transforming complex business logic into high-quality products and reducing applications load times by over 85%.

Experience

Webellian — Full-Stack Engineer, Jan 2026 - Present, Warsaw, Poland

• Driving end-to-end development for a key client's back-office solution by analyzing business requirements and delivering high-quality code using a modern tech stack including Next.js, NestJS, TypeScript, RxJS, Prisma, and Strapi.

Million Monkeys Software — Senior Software Developer, Mar 2018 - Oct 2024, Warsaw, Poland

• Architected and led a 4-person team to build a browser-based BI tool for employee bonus calculations, which replaced a legacy ERP module and delivered a **10x performance increase.**

• Engineered a high-performance WebGL/Three.js rendering engine for a network analysis toolkit, capable of visualizing and processing **complex graphs with over 500,000 vertices**.

• Optimized a high-traffic food delivery platform by **reducing first-page load time from 6s to under 800ms**, significantly improving user experience for a service covering 99+ restaurants.

• Streamlined a real-estate platform's backend by refactoring its API, **reducing the number of endpoints from over 400 to 20** and significantly improving system performance and reliability.

• Mentored a group of 5 developers on best practices in front-end architecture and performance, resulting in measurably higher code quality and a reduction in production bugs.

LekSeek Polska — Full-Stack Developer, Jun 2016 - Oct 2017, Warsaw, Poland

• Developed and maintained features for a medical management platform using Python, Django, Vue.js, and PostgreSQL.

• Actively participated in code reviews and quality improvements within a 7-person team, contributing to the overall stability of the application.

Education

University of Warsaw — M.Sc. in Computer Science
Faculty of Mathematics, Computer Science and Mechanics, 2018 - 2020

University of Warsaw — B.Sc. in Computer Science
Faculty of Mathematics, Computer Science and Mechanics, 2014 - 2018

Professional Development & Certifications

- **API Design in Node.js, v4**, Frontend Masters, January 2026

- **Front-End System Design**, Frontend Masters, April 2025

- **Vanilla JS: You Might Not Need a Framework**, Frontend Masters, May 2025

- **The Last Algorithms Course You'll Need**, Frontend Masters, March 2025

Technical Skills

- **Frontend Core:** React, Next.js, Vue.js, TypeScript, JavaScript, HTML5, CSS3, WebWorkers

- **State Management:** Redux, RxJS, Redux Saga, TanStack Query, React Hook Form, Immer

- **Styling:** Tailwind CSS, Framer Motion, Chakra UI, Styled Components

- **Graphics & Visualization:** WebGL, Three.js, React Three Fiber, D3.js

- **Build Tools & Low-level:** Vite, Webpack, Rollup, Electron, Hugo, Emscripten, WebAssembly

- **Mobile:** React Native, Expo, OpenGL ES

- **Backend**: Node.js, Express, Python, Django, Flask, C/C++, REST API, GraphQL

- **Databases:** PostgreSQL, Firebase, DuckDB, Neo4j, Prisma

- **DevOps & Cloud:** AWS, Google Cloud, Vercel, Netlify, Docker, CI/CD, Git

- **Projects Management:** Agile, Scrum, Kanban, Code Review, Documentation, Design Docs

- **Soft Skills:** Leadership, Client Communication, Problem-solving, Team Collaboration

- **Languages:** English Professional, Polish Native

Selected Projects & Open-Source

Network Centrality Toolkit — Million Monkeys Software, 2018 - 2020, [Demo](#)

Authored the core of the toolkit: a high-performance, WebGL-based rendering engine capable of visualizing and analyzing complex graphs. The project also involved developing a Cypher-like query interpreter for client-side analytics and a custom shader obfuscator. The engine's robust design led to its successful reuse in a separate professional data analysis application.

igraph-community.js — Open-Source Library, 2020, [Code](#), [Paper](#)

Implemented community detection algorithms and compiled C/C++ to WebAssembly for near-native browser performance. Based on M.Sc. research that resulted in a co-authored paper submitted to ICDE and NeurIPS 2022. The library serves as a core analytics engine for Network Centrality Toolkit.

arturmyszkowski.pl — Personal Portfolio Website, 2025, [Demo](#), [Code](#)

An open-source project, meticulously crafted to demonstrate modern front-end best practices. Built with Next.js, TypeScript, and React Three Fiber, it serves as a practical showcase of my skills in creating performant, visually engaging, and responsive web experiences.