

Mateusz Bargiel

Full-stack engineer, B2B contractor

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SUMMARY

Full-stack engineer with twelve years in production systems, working as a B2B contractor. Most of my work sits in the .NET, React and Azure triangle: domain logic and APIs on the backend, interfaces on the front, and the CI/CD and infrastructure work that makes releases uneventful. I use AI tooling deliberately to compress mechanical work, and read every line before it ships.

EXPERIENCE

Independent freelancer, Self-employed, Poland

Dec 2025 – present · Remote

- Deliver web platforms, AI-backed systems and client sites end to end, from architecture through to deployment.
- Own the UI, design, DevOps and deployments on GameTags, a Steam SEO and sales-analytics product, and coordinate delivery across the team.

Full-stack engineer, Frontiers

Sep 2025 – present · Remote

- Built the core of a manuscript workflow engine: stage transitions, task creation and assignment, auto-completion, and shadow and engine modes.
- Implemented inbox and outbox event handling, with outbox publishing through Debezium and New Relic instrumentation.
- Introduced Gherkin for backend end-to-end tests across a GraphQL microservice architecture.

Principal full-stack engineer, Zielona Karetka

Jan 2023 – Mar 2026 · Remote

- Led development of Zielona Karetka 2.0: patient registration, login and appointment booking, integrated with Poland's Medyc and P1 systems.
- Built multi-gateway payments on Azure Durable Functions, with a serverless backend and a React, Vite and TypeScript front end.
- Managed a small team and stood up the organisation's tooling and Microsoft 365 environment.

Senior full-stack engineer, Software Mind

Mar 2022 – Sep 2025 · Krakow, Poland

- Built and maintained .NET 6+ microservices and React/TypeScript micro-frontends in a Kubernetes environment running hundreds of services.
- Gave each front end its own backend for frontend, assembling aggregates from the domain microservices behind it.
- Worked event-driven with JetStream, MongoDB and Postgres, covered by BDD and end-to-end Cypress suites.

Full-stack developer, Avanade

Apr 2018 – present · Krakow, Poland

- Moved from senior analyst to consultant to full-stack developer across enterprise client engagements.
- Designed Azure IoT architecture on IoT Hub, Event Hub and Event Grid, and built the React facility map that made it legible.
- Worked across a petroleum data platform spanning three systems: subsurface data blended into OSDU, production dashboards, and a laboratory desktop application.

.NET developer, The Ministry of Ideas

Jun 2014 – Apr 2018 · Krakow, Poland

- Backend development on Business Intelligence tools and SQL Server Integration Services pipelines.
- Owned the APIs, SQL schemas and JSON form configuration behind two retail data products.
- Code review and direct client contact.

SELECTED PROJECTS

Manuscript workflow engine

Workflow engine · Frontiers

Branching logic and a bolted-on process engine, turned into a workflow you configure. I built the part that reads it and decides what happens next.

React, TypeScript, .NET, event-driven, Playwright

Petroleum data analysis platform

Enterprise data · Avanade

Three systems, three different layers. I was the one who could take whichever came next.

Synapse, Azure Functions, Databricks, Data Lake, Angular, Blazor

ITAM platform, full stack

B2B SaaS · Snow / Flexera

Each front end had its own BFF. Deciding what belonged in the aggregate was most of the work.

React, TypeScript, .NET minimal APIs, MediatR, Kubernetes, Cypress

Zielona Karetka

Healthtech · full ownership

Everything: the UI, the backend, the deployments, the tooling, and the people.

full stack, DevOps, team lead

SKILLS

Backend: C#, .NET 8, ASP.NET Core, Minimal APIs, MediatR, GraphQL, REST

Frontend: React, TypeScript, Next.js, Vite, Micro-frontends, Angular, Blazor

Cloud and data: Azure, Azure Functions, Durable Functions, IoT Hub, Event Hub, Event Grid, Synapse, Databricks, Data Lake, PostgreSQL, MongoDB, SQL Server

Delivery: Azure DevOps, GitHub Actions, Terraform, Kubernetes, Docker, CI/CD, New Relic, Observability

Practices: Event-driven architecture, Domain-driven design, BDD, Gherkin, Playwright, Cypress, Code review

EDUCATION

Bachelor of Science, Informatics, AGH University of Krakow

2014-2018

Computer Science, Zespół Szkół Łączności, Krakow

2010-2014

LANGUAGES

Polish · English