

Senior Frontend Engineer with **10 years of experience** building frontend systems for **AI, fintech and enterprise platforms**. I **own the architecture** and **still write the code** myself, every day.

A meaningful share of my work now runs through **agentic AI coding** tools, with me reviewing and adjusting the output closely before anything ships.

Beyond the code, I **mentor engineers** and contribute to technical hiring decisions.

## PROFESSIONAL EXPERIENCE

### Senior Frontend Engineer

Synerise · Krakow, Poland

08/2024 – Present

- Shape frontend architecture for **BaseModel**, a greenfield AI/ML platform for data science teams, from its earliest version through advanced beta, working alongside the frontend tech lead, architects, UX and ML leads.
- Develop solutions supporting AI engines responsible for **1B+ decisions daily**, translating advanced analytical workflows into scalable user experiences.
- Maintain and optimise a scalable **NX monorepo**, enabling efficient code sharing between BaseModel and the main Synerise platform across 3 product teams.
- Contribute reusable UI components to **Colloid**, Synerise's open-source design system, and back it with thorough UI testing for long-term stability.

Stack: React · TypeScript · Next.js · NX · Vite · TanStack · Styled Components · Storybook

### Senior Frontend Engineer

ICEO Venture Builder · Krakow, Poland

06/2022 – 08/2024

- Designed frontend architecture for a DeFi wallet and trading platform in an R&D environment, working as the only frontend engineer for the **first 8 months**.
- Built MetaMask-integrated wallets, token minting and NFT flows with React Query and Redux Toolkit, achieving page loads around **850ms**.
- Handled **real-time data streams** over WebSockets, gRPC and Protocol Buffers at **1,200+ events/sec**, with latency consistently **under 90ms**.
- Engineered the high-throughput backend layer (Node.js Clusters, Worker Threads) behind a cross-exchange trading bot, processing transactions at nanosecond-level precision and lifting **trading profit by 23%**.

Stack: React · TypeScript · Next.js · Node.js · gRPC · WebSockets · Protocol Buffers · ethers.js · Docker · AWS

### Senior Frontend Developer

OnAir Entertainment · Krakow, Poland

06/2021 – 06/2022

- Built event-driven multiplayer browser games for leading online casino brands, deployed across **9+ international markets** via the Microgaming/Games Global network.
- Developed high-performance interfaces using React, Canvas and SVG, optimised for environments serving **thousands of concurrent users**.
- Improved frontend performance through rendering optimisation and WebSocket batching, cutting **load times by 27%** and growing **session length by 22%**, directly supporting player retention.
- Maintained Jest test suites and Docker-based deployment pipelines, monitoring **uptime at 99.3%+** even under peak concurrent load.

Stack: React · TypeScript · MobX · Canvas · SVG · WebSocket · Jest · Docker · PostCSS

### Full Stack Engineer (Part-time)

Pets City · Wroclaw, Poland

06/2019 – 02/2021

- Built product features across frontend and backend layers using React, NestJS, PostgreSQL and TypeScript, as the **only engineer** on the project.
- Worked directly with founders on product direction, prioritisation and architecture from early-stage development through to first production users.
- Owned the full project lifecycle from requirements to deployment, streamlining the build process and **CI/CD pipeline** for faster, more reliable releases.

Stack: React · Redux · Node.js · NestJS · PostgreSQL · TypeORM · Docker · GitLab CI

### Frontend Engineer

ArdentCode · Wroclaw, Poland

04/2016 – 02/2021

- Delivered enterprise software for **Wolters Kluwer** (US & EU), a **Fortune 500** company, supporting complex legal and business workflows used by professional users across Europe and North America.
- Designed frontend architectures and worked across frontend and backend layers within long-lived, microservice-based environments over **5+ years**, growing from intern to senior engineer.
- Built comprehensive testing strategies, including E2E, integration and performance testing, lifting **application stability by 18%** and reducing production incidents for enterprise clients.
- Led **client workshops**, presented results directly to clients, mentored juniors and ran **technical hiring**.

Stack: React · AngularJS · Node.js · PostgreSQL · AWS · Git

# Dominik Pawlikowski

Senior Frontend Engineer

React · TypeScript · Next.js

## CONTACT

✉ dpawlikowski@gmail.com

☎ +48 571 916 854

📍 Wroclaw, Poland · Open to remote

in linkedin.com/in/dominikpawlikowski

gh GitHub: github.com/dpawlikowski

pf Portfolio: dpawlikowski.pl

## CORE EXPERTISE

### FRONTEND

React · TypeScript · Next.js

Redux · MobX · Zustand · TanStack/React Query

NX Monorepos · Storybook · Design Systems · Vite

### BACKEND & PLATFORM

Node.js · NestJS · PostgreSQL

MongoDB · Redis · Docker · CI/CD · AWS

### AI & AGENTS

AI Agents · Claude Code · OpenAI Codex · Local LLMs

### COMMUNICATION & INTEGRATION

WebSockets · gRPC · GraphQL · REST

### QUALITY & TESTING

Playwright · Cypress · Jest · Vitest · RTL

## CAREER HIGHLIGHTS

- Adapted across **5 companies and 6 sectors**, from pre-seed R&D to enterprise delivery, picking up new domains and constraints fast.
- Stepped up into **technical leadership** of teams up to **4 people**, alongside hands-on engineering, whenever a project needed it.
- Writes architecture proposals and docs clearly enough for non-engineers to follow, a habit from **15+ years of writing poetry**.
- Mastered a new technical paradigm **every few years**: legacy enterprise codebases, modern component architectures, decentralised systems.
- Operated under regulatory weight across **3 regulated domains**: licensed gambling, finance and legal.
- Reaches for new tools early, using **AI agents and 3+ LLM coding tools** every day to ship faster without lowering the bar.

## EDUCATION

### M.Sc. Computer Science in Business

Big Data in Business  
Wroclaw Univ. of Economics & Business  
2020 – 2022

### B.Sc. Computer Science in Business

Systems Analysis & Design  
Wroclaw Univ. of Economics & Business  
2017 – 2020

## LANGUAGES

Polish Native  
English C1 · Advanced

## INTERESTS

UI/UX Design · Poetry · Hiking · Yoga · Philosophy