

Paweł Krystkiewicz

Senior Frontend Engineer

English (C1) · Polish (Native)

pawelkrystkiewicz@outlook.com github.com/pawelkrystkiewicz linkedin.com/in/pawelkrystkiewicz
pawelkrystkiewicz.pl inventorium.io

SUMMARY

Senior Frontend Engineer with 9 years of experience shipping production React/TypeScript applications in enterprise SaaS, fintech, insurtech, and logistics.

Most recently at Autodesk: shipped features and accessibility fixes in a shared component library, drove product applications onto a typed design-token contract, and led its migration to a new design-system generation.

Architected and migrated frontend platforms from CRA to Vite, built E2E testing infrastructure from zero, and scaled products from prototype to enterprise-grade.

Creator of the Chunks UI component library. Built multiple SaaS products end-to-end using Turborepo monorepos, NestJS, and React/Vite.

Experienced in early-stage product development, fullstack delivery, and cross-functional collaboration.

EXPERIENCE

Senior Frontend Engineer · Autodesk

Aug 2025 – Oct 2026 · 1y 2m

Construction tech · Remote

- Shipped 30+ features and fixes in a shared React component library used across enterprise construction products (dropdowns, autocomplete, inline editing, tags), including keyboard accessibility and a WCAG contrast fix (2.61:1 → 7.69:1).
- Designed a typed design-token contract (intent-based colour tree shared by all themes) and drove two product applications off the legacy theme (400+ call sites), with lint rules banning the old API.
- Led the library migration to a new design-system generation across ~60 component families, verifying each migration wave with style dumps so existing themes stayed byte-identical.
- Cut 452 kB (-61%) from what micro-frontends bundle when importing the shared styles package, and fixed theme performance regressions, including the theme being rebuilt on every render.
- Built multi-theme visual regression testing in Chromatic and improved release reliability: incident post-mortem, a self-healing CI job, and a fix for releases that silently skipped publishing.

Freelance Software Engineer · Chunk Creations

Feb 2025 – Present · 1y 7m

Software · Poznan, PL

- Built frontend architecture for a custom manufacturing ERP (Next.js, MUI) — 500+ commits in 4 months, covering URL state management, Jest-to-Vitest migration, and OpenAPI integration across 8+ API modules.
- Designed a release automation system with semantic versioning and automated changelog generation, replacing an existing setup and reducing deployment friction.
- Published Chunks UI component library on npm (React 19, Tailwind v4), providing a reusable design system foundation across client and internal projects.
- Pioneered AI-augmented development workflows using Claude Code and Cursor — built a reusable bootstrapping toolkit (slash commands, code review, git automation) and published findings on effective AI coding patterns on Medium.

Senior Frontend Engineer · Artificial Labs

Mar 2022 – Mar 2025 · 3y

Insurtech · London, UK

- Led frontend development of an insurance underarticles platform, scaling it from prototype to production-grade React/TypeScript application that helped secure 5+ high-value contracts with UK insurers.
- Migrated the entire application from Create React App (CRA) to Vite, reducing build times by ~80% and significantly improving developer experience across the team.
- Introduced E2E testing with Cypress from zero, building comprehensive test coverage that ensured platform stability through aggressive MVP iteration cycles.
- Drove product maturity and platform expansion from UK market into the US, contributing architectural decisions and technical input during product strategy sessions.

Product Engineer · Chronos

Nov 2021 – Apr 2022 · 5m

Workforce management · PL

- Built 3 React-based applications from scratch: a workforce management dashboard, a tablet-based QR attendance scanner, and a marketing landing page.
- Designed end-to-end UX/UI workflows across all products, delivering a consistent cross-device experience for all clients.
- Gathered requirements directly from clients and translated them into shipped features, driving iterative improvements and high adoption rates.
- Architected the frontend using React, TypeScript, and Google Cloud Platform (GCP) services, establishing patterns reused across the product suite.

Software Engineer · Currency One

Mar 2020 – Dec 2021 · 1y 9m

Fintech · Poznan, PL

- Developed and maintained CQRS (Command Query Responsibility Segregation)-based microservices for InternetowyKantor.pl, a high-volume currency exchange platform, using Node.js, Python, and Kotlin.
- Built 3+ internal NPM libraries and new microservices, cutting cross-team boilerplate by ~90% through shared utilities.
- Led the initiative to integrate React into the existing micro-frontend architecture, modernizing internal management applications previously built on AngularJS.
- Resolved production incidents by monitoring services via Kibana and managing message reprocessing through RabbitMQ, maintaining platform uptime for high-volume transactions.

Fullstack Developer · 4LS/Genetix

Sep 2018 – Mar 2020 · 1y 6m

Logistics · Poznan, PL

- Built web applications for real-time courier tracking (50+ active couriers), self-teaching Node.js, GraphQL, and PostgreSQL to take full ownership of the stack within months.
- Designed ETL pipelines migrating logistics data from on-premises MS SQL Server to cloud PostgreSQL, enabling real-time analytics.

Data Analyst · Beiersdorf

Jul 2017 – Aug 2018 · 1y 1m

Cosmetics · Poznan, PL

- Built a technical product database (MS Access, SQL/VBA) cataloging hundreds of components, streamlining manufacturing planning and reducing manual lookup time for engineering teams.

SKILLS

Frontend: React, TypeScript, Next.js, TailwindCSS, styled-components, MUI, Vite, Storybook, Module Federation

Backend: Node.js, NestJS, REST APIs, GraphQL, PostgreSQL, MongoDB
Testing: Cypress, Playwright, Vitest, Chromatic (visual regression), E2E, Unit Testing, TDD
Infrastructure: AWS, GCP, Docker, GitHub Actions, CI/CD, Turborepo
Tools & Methods: Figma, Agile/Scrum, Monorepo Architecture, Design Systems, Design Tokens, Accessibility (WCAG)
AI & Tooling: Claude Code, Cursor, AI-augmented development workflows, LLM integration, OpenRouter

EDUCATION

M.Sc. Eng. in Mechatronics · Poznań University of Technology	Mar 2016 – Jun 2018
B.Sc. Eng. in Mechatronics · Poznań University of Technology	Oct 2013 – Feb 2016
