

Tomasz Włodarczyk

Senior Frontend Developer (React / Next.js / React Native)

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SUMMARY

Senior Frontend Developer with nearly 10 years of commercial experience building web and mobile applications in React, Next.js, TypeScript and React Native. I've shipped customer-facing products in sports betting, e-commerce and music tech — real-time interfaces, design systems and shared component libraries, cross-platform desktop and mobile apps, and data-heavy dashboards. Comfortable across the full stack (Node.js, Express, PHP/Laravel, REST APIs) and delivery (Docker, Kubernetes, CI/CD). Currently also building AI-powered side projects with LLMs, LangGraph and RAG.

EXPERIENCE

betPawa (pawaTech)

Senior Frontend Developer

Jul 2024 – Present
Tallinn, Estonia / Remote

- Develop and maintain the sports-betting and casino web platform (Next.js, React, TypeScript, Redux Toolkit) used across 10+ African markets, where most traffic comes from low-end Android phones on 2G/3G networks.
- Cut the initial JavaScript bundle by about 30% and improved Largest Contentful Paint (LCP) by roughly 25% through code splitting, lazy loading and tuning Next.js server-side rendering (SSR) and caching.
- Built the real-time live-betting experience (live odds, bet slip, live scores) on top of WebSocket feeds, using a normalized Redux store to handle the high rate of updates.
- Maintain the shared component library (design system) used by several product teams, keeping the UI consistent and accelerating feature delivery.
- Collaborate cross-functionally with product, design and backend across multiple time zones, and review a large share of the team's frontend pull requests (code review).

Dietly.pl (MasterLife Solutions)

Frontend Developer (Contract, part-time alongside betPawa)

Feb 2024 – Apr 2026
Remote / Gdańsk, Poland

- Worked on Dietly.pl, the largest diet-catering marketplace in Poland (400+ catering providers, part of the Żabka Group), building customer-facing features in React, Next.js, TypeScript and Redux Toolkit.
- Migrated the data layer to RTK Query, removing most hand-written data fetching and loading-state code and making API caching predictable; implemented views from Figma designs with responsive design and accessibility (a11y) in mind.
- Reduced page-load time on the ordering flow by around 25% and added unit and integration test coverage (Jest, React Testing Library) to the most frequently changed parts of the app.

FreeYourMusic

Fullstack Developer

Feb 2022 – Jan 2024
Remote

- Built cross-platform desktop and mobile apps (React, Electron, React Native, TypeScript) that let people move playlists and libraries between 20+ music services such as Spotify, Apple Music and YouTube Music.
- Wrote the Node.js/Express (TypeScript) REST APIs behind the apps, plus an interactive analytics dashboard in Next.js that visualized users' transfer history.
- Owned the delivery side end to end: CI/CD with GitHub Actions, Docker and Kubernetes, and the data layer across Realm, MongoDB, PostgreSQL and Redis.
- Wrote the public API documentation in Docusaurus and covered the core flows with Jest and React Testing Library.

Spyrosoft

Frontend Developer

Feb 2021 – Feb 2022
Wrocław, Poland

- Built features and automated tests for a SaaS platform that utilities use to manage water-network infrastructure, collaborating daily with designers, product owners and a US-based analytics team.
- Set up reusable React components and custom hooks in an Nx monorepo with Storybook, enabling clean UI sharing across several applications.
- Implemented data-visualization screens (Highcharts, D3.js, ReactDataGrid) and virtualized large data tables to keep them responsive; separately delivered a network-management tool for a Polish client using React Admin.

Europa Ubezpieczenia (TU Europa)

Frontend Developer / Programmer Analyst

Aug 2016 – Feb 2021
Wrocław, Poland

- Rebuilt an insurance-agent application from a legacy AngularJS codebase to React: dashboards, a Kanban-style board, multi-step forms and contract previews.
- Wrote the REST APIs in PHP/Laravel behind the frontend and added real-time chat with Socket.IO and Firebase push notifications.
- Mentored two junior developers through pair programming, and established the team's code-style guidelines and API tests in Cucumber.

SIDE PROJECTS

BurnIt — React Native (iOS & Android) · app.burn-it.pl

- Cross-platform workout and training app for the Polish market ("Rozpal w sobie iskrę do zmian"), designed, built and shipped end to end — from UI design to release.

chat2bet — AI · LangGraph · RAG · LLMs · [live demo](#)

- Conversational AI assistant for exploring World Cup 2026 betting odds — an agentic chat built with LangGraph, retrieval-augmented generation (RAG) over odds data, and multiple LLM backends; combines my sports-betting domain experience with modern AI tooling.

Akademia Frontendu — React, Next.js, technical writing

- A Polish-language blog where I break down React and modern JavaScript for working developers — mostly the things I wish someone had explained to me earlier.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), PHP, HTML5, CSS3/SCSS, SQL

Frontend: React, Next.js, React Native, Electron, Redux / Redux Toolkit, RTK Query, WebSockets, React Admin, Styled Components, Material UI, Bootstrap, Three.js / React Three Fiber, Responsive Design, Accessibility (a11y), Web Performance (Core Web Vitals)

AI / LLM: LangGraph, RAG (Retrieval-Augmented Generation), LLM API integrations

Backend: Node.js, Express.js, PHP/Laravel, REST APIs

Data: PostgreSQL, MongoDB, Realm, Redis, Prisma

Testing: Jest, React Testing Library, Storybook, Nock

Tooling / DevOps: Git, GitHub Actions, GitLab CI, CI/CD, Docker, Kubernetes, Nx, ESLint, Figma

EDUCATION

Wrocław University of Science and Technology
Engineer's degree (Inż.), Computer Science

2012 – 2016
Wrocław, Poland

CERTIFICATIONS & LANGUAGES

Certifications: CCNA · Scrum4Teams (Agile/Scrum) · SQL & PL/SQL Fundamentals

Languages: Polish (native) · English (professional working proficiency, daily use in international teams)