

Senior Frontend Engineer with 9+ years of experience building complex frontend systems, including data-heavy applications, visual CMS editors with drag-and-drop page editing, and scalable platform architectures using TypeScript, React, and Vue. Led frontend development across enterprise platforms and internal tools, delivering AI-powered interfaces and analytical dashboards. Strong focus on performance, maintainability, and engineering quality (CI/CD, testing, a11y).

TECHNICAL SKILLS:

FRONTEND: TypeScript · JavaScript · React · Vue · Next.js · GraphQL · REST · Webpack · Vite

ARCHITECTURE: Design systems · Component architecture · Performance optimization · a11y · CI/CD · Lighthouse

TESTING: Unit · Integration · E2E · Visual regression

BACKEND (SUPPORTING): Node.js · Kotlin · Java · AWS · Terraform · MongoDB · Docker · NewRelic · Sentry

EXPERIENCE:

Senior Frontend Engineer

Balyasny Asset Management

Mar 2025 – Feb 2026 · Warsaw

- Designed and delivered analytical views for portfolio risk analysis, translating complex financial requirements into decision-support tools used by ~1000 users.
- Built internal **React** dashboards enabling exploration of large-scale financial datasets with **AG Grid** and custom visualizations.
- Developed an advanced chart editor using **Highcharts**, supporting multiple visualization types (including candlestick, scatter, and bar) with configurable axes, data series, styling, and data selection.
- Implemented efficient data fetching and caching using TanStack Query, ensuring responsive UI performance and efficient data handling for high-volume backend data.

Lead Frontend Developer

Dynamic Solutions

Apr 2021 – Feb 2025 · Warsaw

Technology consulting firm with in-house software products; provides senior-level specialists to enterprise clients.

Lead Front-end Developer

SIEMENS (GroundFog)

Feb 2024 – Feb 2025

- Led frontend development within a 10-person team (4 frontend engineers) on a global multi-application platform using **Vue**, **TypeScript**, **GraphQL** and **Vite**, mentoring developers and improving code quality via guidelines and CI/CD (linting, quality gates), reducing noise in PRs and improving review efficiency.
- Delivered core platform features for siemens.com, including AI-powered search, chatbot interfaces, and live translation used across a global multi-language platform.
- Built and evolved a shared design system (~30 components) used across multiple applications, enabling consistent UI development at scale.
- Improved frontend quality and reliability by introducing visual regression testing (Playwright) and integrating checks into the CI/CD pipeline, reducing UI regressions in production.
- Automated cross-environment content access via URL-based configuration, eliminating manual data migration and enabling direct access to production content in local environments, significantly improving development and testing efficiency.

Senior Front-end Developer

MANN+HUMMEL (Diva-E)

Sep 2023 – Jan 2024

- Developed advanced product discovery features using **React**, **TypeScript**, and **GraphQL**, including VIN-based search, dimension-based filtering, and smart search across a large automotive catalog, improving product discovery and navigation across the catalog.
- Built search results, product detail pages, and 360° product visualizations, improving product exploration and usability.

Front-end Developer

Websight CMS

Apr 2021 – Aug 2023

- Led frontend development of a visual CMS built with **React**, mentoring a frontend engineer and collaborating closely with backend (OSGi-based) and design teams, including reviewing and guiding frontend-related contributions; primary contributor to core editor functionality.
- Designed and built a drag-and-drop page editor with component tree and overlay-based editing on top of an iframe-rendered page, enabling content teams to visually create and manage pages without developer involvement.
- Led frontend architecture evolution, including migration to **TypeScript** and **React Hooks** and refactoring core editor systems (actions, state management, ESM ↔ **React** integration).
- Delivered core CMS capabilities including inline editing and content tree interactions, while ensuring correct rendering of embedded pages by dynamically adapting styles (e.g. normalizing viewport units inside iframe context).

Software Engineer

OLX Group

Dec 2019 – Jan 2021 · Poznań

- Developed authentication systems for a large-scale marketplace using **Kotlin**, **Java** and **AWS Cognito**.
- Implemented core user flows including login, registration and password recovery.
- Contributed to migration of millions of users to **AWS Cognito** and introduced security features such as suspicious login detection.
- Enabled Customer Support to manage blocked users independently, eliminating 15–20 daily incidents previously handled by engineers.
- Improved observability and error tracking using **NewRelic** and **Sentry**.

Full-stack Web Developer

No Spoon Tech Lab

Jun 2018 – Aug 2019 · Spain

- Developed a real-time chat application for an online gaming platform using **React** and **KotlinJS** over the **XMPP** protocol.
- Designed and implemented messaging features including message synchronization, presence handling, and real-time updates across connected clients.

Junior Frontend Developer

Appchance

Jan 2018 – May 2018 · Poznań

- Developed reusable UI components and client-side features using **JavaScript** and **Ember.js** across multiple projects.

Junior Java Developer

Pearson IOKI

Jul 2016 – Dec 2017 · Poznań

- Developed **REST** APIs for an e-learning platform using **Java**, **Kotlin**, **REST** and **MongoDB** within a microservice architecture.
- Delivered features in cross-functional **Scrum** teams (~20 engineers across two teams).

EDUCATION:

MSc in Computer Science (Distributed Systems)

Analysis and optimization of the communication mechanism between applications in distributed systems using the RPC model

Poznań University of Technology, Poland

Oct 2017 – Jun 2019

Student Exchange

Universitat Politècnica de València, Spain

Sep 2018 – Jun 2019

BSc in Computer Science

Scientific conference management system

Poznań University of Technology, Poland

Sep 2014 – Sep 2017

LANGUAGES:

ENGLISH: Fluent (C1)

SPANISH: Intermediate (A2)

POLISH: Native