

DOMINIK KOWALCZYK

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SUMMARY

Software Engineer with expertise in Vue.js, React, React Native and TypeScript, currently contributing to large-scale solutions at IKOL System. Skilled in Java/Spring Boot backend development and clean architecture principles. Passionate about building performant, responsive applications and collaborating in Agile/CI/CD environments.

EXPERIENCE

Software Engineer, IKOL System sp. z o.o. Mar 2025 - Present

- Developed and optimized UI features for a global-scale platform using Vue.js, HTML, CSS, and TypeScript.
- Designed and implemented portal manifests (microfrontend architecture) defining application capabilities and inter-application communication.
- Built and maintained sitemap JSON specifications to declare app functionalities and dependencies between services.
- Integrated AI wrappers (including OpenAI API) to develop internal chatbot solutions, enabling natural language queries across the platform.
- Delivered responsive, cross-browser compatible components, improving user experience across devices.
- Collaborated in a flat-structured Agile team, contributing to high-availability software serving thousands of devices worldwide.
- Maintained CI pipelines and Git workflows; supported infrastructure on AWS.

Frontend Developer, Dituel sp. z o.o Jun 2023 - Mar 2025

- Implemented new features including live event sections by integrating REST APIs and custom CMS (Velocity).
- Led a complete redesign of PolsatMedia's website, enhancing UI/UX and boosting SEO performance.
- Optimized website loading speed and improved CLS score, resulting in better search ranking.
- Integrated Java objects from a custom CMS for dynamic rendering of sports news and match highlights.
- Worked in a collaborative, fast-paced team environment, reporting project statuses in daily stand-ups.

QA Tester, QLOC S.A. Oct 2022 - Jun 2023

- Executed manual and automated tests, ensuring full system coverage.
- Designed and maintained comprehensive test suites, identifying issues pre-release.
- Documented test cases and reported bugs in collaboration with developers.

EDUCATION

Electrical Engineering – Lodz University of Technology, Lodz, Poland (incomplete) Łódź

KEY SKILLS

Frontend

- Vue
- React
- TypeScript
- React Router
- Axios
- Tailwind CSS
- State Management
- Lazy Loading
- WebSocket / STOMP
- Responsive Design

DevOps & Tools

- Git
- GitHub
- Postman
- Maven
- Lombok
- JWT

Backend

- Java
- NodeJS
- Spring Boot
- Spring Security
- Spring WebSocket
- Spring Data JPA
- PostgreSQL
- REST APIs
- WebSocket
- MongoDB

Testing & Quality

- JUnit
- Integration Testing
- Error Handling
- Code Documentation

Architecture & Patterns

- Hexagonal Architecture
- Domain-Driven-Design
- Clean Code
- JWT Authentication
- Repository Pattern
- OAuth 2.0