Kamil Walkowiak

Fractional CTO · Technology Advisory · Interim CTO

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Executive Profile

Technology leader with 17+ years in software engineering and 9+ years in CTO roles. I combine business judgement, architecture ownership and hands-on execution to build products, lead teams and control costs. Currently CTO & Co-founder at CUX, working with business leaders and enterprise customers.

Selected Achievements

Platform Architecture · Flexperto

Reduced comparable development and testing for new client implementations from **4–6 weeks** to typically **1–2 working days**. Record: **4 hours**. The redesigned architecture was used by **30+ clients**.

Building & Scaling · CUX

Built CUX from zero, initially independently, then scaled its behavioural analytics technology with the team to analyse behaviour across web and mobile products used by **millions daily**.

Infrastructure Optimization · CUX

Reduced total infrastructure costs by **at least 75%** through a complete GCP-to-OVH migration while supporting growing data volumes.

Professional Experience

CUX May 2019 – Present

CTO & Co-founder

Own technology direction, architecture and infrastructure for a behavioural analytics SaaS.

- Lead engineering and enterprise data processing; connect architecture with product priorities.
- Own or share responsibility for costs, security/compliance and enterprise technical relationships.

Cloud Development / cdev Jan 2016 – May 2019

CTO

Technical planning, team building and client delivery, combining architecture with hands-on development.

Flexperto Apr 2015 – Aug 2017

Lead Software Engineer

Led engineering and architecture for a digital communication platform.

- Designed and deployed Socket.IO pub/sub communication to replace XHR/AJAX and support further interactive modules.

TopSolutions Sep 2011 – Aug 2013

Team Leader & Scrum Master

Engineering team leadership and Scrum facilitation.

Selected Work

Make each new client a configuration, not a codebase.

Identified per-client application copies as the architectural bottleneck. Secured business stakeholder support, then personally designed, implemented and deployed shared logic, configuration and component overrides to simplify rollout and maintenance.

Build the product. Then lead the technology behind it.

Connected enterprise data-processing requirements with product priorities, hiring, security and commercial decisions as CUX grew from an initial product into an enterprise platform.

- Enterprise experience through CUX includes Warner Bros. Discovery, Rossmann, Santander Leasing, EFL / Crédit Agricole.

Reduce the cost of running a growing data platform.

Migrated the entire CUX infrastructure from GCP to OVH and redesigned data flows, aligning architecture and vendor choices with growing workloads and operating costs.

Technology Advisory

Technical advisory · Rossmann

Advised on e-commerce homepage performance, covering lazy loading, search behaviour and assets putting excessive load on the browser.

Core Expertise

Strategy & architecture: Business priorities, technical trade-offs, product roadmaps and architecture reviews.

Engineering leadership: Team building, technical direction, delivery practices and knowledge transfer.

SaaS & data platforms: Product development, behavioural analytics, data infrastructure and scalability.

AI, reliability & maintainability: Practical AI adoption, review of generated systems, security and operational trade-offs.

Technologies: TypeScript · Node.js · React · MongoDB · PostgreSQL · MySQL · PHP / Symfony · Socket.IO

Education & Languages

Wrocławska Wyższa Szkoła Informatyki Stosowanej · 2008–2012

Polish · Native / English · Professional

Public Speaking

Mobile Trends for Experts · 2026: The Million Dollar Mistake: Features users never wanted

Mobile Trends Conference · 2025: User 360°: How cross-device analysis changes the way you see your customers

Mobile Trends · 2024: Understanding user behaviour in mobile applications

Evolutions · 2023: Digital Experience Analytics workshop & founder succession panel