Maxim Muntean



CTO · AI Transformation Lead · AI Team Architect

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Open to full-time roles and project work · remote or hybrid

SUMMARY

16 years in software, 12 of them as CTO. I combine deep technical expertise with the experience of building a business: from system architecture and code to sales, business processes and their automation.

For the last two years AI has been my main working tool, and not only for code. I build teams of AI agents that develop the product, run business processes and prepare the data for decisions. My team runs a production real-time financial system written in Rust. I want to bring this experience to a company that is ready to make AI its main tool in development, operations and management.

AI AS MY MAIN TOOL — WHAT I HAVE BUILT

In development

- A team of AI agents where each one owns its part of the system and has its own tools, memory and limits of authority. A routing layer decides who handles what.
- Quality through process: standards load at the moment the work needs them, and audit findings are checked by a second agent whose job is to refute them.

In business processes

- An AI assistant for an operations specialist who does not write code: a daily list of problem operations with a recommendation for each, turnover reports and capital-use audits straight from the production database, with no developer involved.
- Customer support: an agent reads new customer requests and drafts several replies with links to the documentation. An operator chooses one and sends it.
- Social media analytics: an agent collects channel metrics and compares them with competitors.

In management

- Organizational memory: a knowledge base that agents read before work and extend after every failure. Knowledge survives changes of people and sessions.
- Data-driven decisions: every agent run is recorded, and process changes are judged by measurements, not by impression. AI recommends, a person decides.

TECHNOLOGY

- **Rust:** Tokio, async architecture, real-time systems, sub-millisecond execution paths, financial precision
- **AI tools:** Claude Code, Model Context Protocol, custom MCP servers, Qdrant
- **Web:** Next.js, React, TypeScript, Node, Tailwind, PHP (Symfony, Laravel, Yii)
- **Data and infrastructure:** PostgreSQL, Docker, Metabase, Git
- **Mobile:** led iOS and Android development

BUSINESS AND PROCESSES

- **Product from scratch:** core system, website, customer dashboard, support, operational reporting
- **Data-driven sales growth:** SEO, paid search, behavior analytics, conversion, UX
- **Business processes:** I design and improve development, release, support and reporting processes
- **Automation:** I move routine work to AI agents and scripts, people stay on the decisions
- **Management:** development teams, planning, work with business departments

EXPERIENCE

Founder & AI Team Architect · own project — Aug 2024 — present

- Designed and run a multi-agent AI development organization for a production real-time financial system written in Rust.
- Architecture: async Rust on Tokio, sub-millisecond execution paths, financial precision. Product scope: operator terminal interface, website and customer dashboard on Next.js, API server and PostgreSQL.
- Custom MCP servers in Rust that give the agents access to the knowledge base, documents and code.

Stack: Rust, Tokio, Claude Code, MCP, Qdrant, PostgreSQL, Next.js, TypeScript, Docker

Chief Technology Officer · Photolamus OU, online store — Jul 2015 — Aug 2024

Led the development team and the whole development process: architecture, technology, planning, releases and quality. Owned the store's platform (Next.js) and analytics (Metabase). Every technical decision served sales growth: SEO, paid search, user-behavior analysis and data-driven UX.

Stack: PHP, Symfony, Laravel, TypeScript, React, Next.js, Node, Docker, Metabase

Chief Technology Officer · CTBSoft, mobile app studio — Jul 2012 — Jul 2015

iOS and Android apps: content services, music and casual games. Led the team, made architecture decisions, and owned quality and delivery.

JavaScript and HTML Developer · Color IT Studio, DesignMd — 2009 — 2012

Interactive websites, API integrations, responsive layout.

EDUCATION

Technical University of Moldova (UTM)
Faculty of Information Technology, 2010 · incomplete degree

LANGUAGES

Russian — native
Romanian — fluent
English — conversational