

Andrew Motsyk

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Senior Software Engineer / Manager

Professional with 12+ years of experience in software development and management.
Driven projects for Nike, Mars, GAP, Wix.

Skills:

Technical:

Summary: Fluent in design, development, release, support, UI/UX and tech architecture elaboration, integrating AI-powered workflows.

- **AI Integration:** production LLM agent systems, RAG pipeline design (Qdrant, vector search), tool use & function calling, MCP server development, cost-aware prompt engineering
- **Front-end:** JS, TS, HTML, CSS, ReactJS, NextJS, Redux, MobX, Webpack, Storybook, Animations, SVG, Canvas, WebGL, Figma. Accessibility and performance tuning.
- **Back-end:** NodeJS, Express, NestJS, Python basics, AWS, Redis, real-time systems (WebSockets, SSE). Monolith, microservices, cloud.
- **DBs:** MongoDB, Neo4J, Postgres, SQL.
- **Testing:** Jest, React test, Cypress.
- **Tools:** Docker, Kubernetes, Git (+hooks), Playwright, Jenkins, Bash...
- **Other:** GA4, Google APIs, Open Street Map, JSON LD, video streaming, audio.

Managerial:

- **PSM** certified. Agile leading and management of cross functional, multinational teams.
- Stakeholder communication, pre-sales, project estimation and planning, contract work.
- Process organization, backlog ownership, roadmap refinement, risk management, release planning, delivery control.
- Team composition, management and motivation, goal setting. Interviewing, hiring / firing.
- A/B testing setup, customer interviews, support of live projects.

Other:

- Vast experience in live, studio and programmatic audio. Video recording, mixing, editing.

Work experience:

Oct 2025 - current, NDA.

Stuff Full Stack AI developer / Product owner.

Designed and built a modular AI processing platform across multiple client engagements. The system covers full pipeline: unstructured data ingestion (documents, images, audio), vector embedding and indexing (Qdrant), LLM-based extraction and multi-step agent workflows (Anthropic SDK), and GPU-accelerated processing (CUDA). One engagement involved clinical data structuring under strict data sensitivity constraints. Focus throughout: production-grade architecture, cost-aware LLM integration, scalable retrieval.

- Reduced LLM inference costs by 40% via prompt caching, batching, and context window optimization
- Sub-second vector retrieval on 500K+ embeddings through HNSW index tuning and payload filtering (Qdrant)
- 3x audio transcription speedup via chunked parallel CUDA inference on consumer GPU
- 94% facial recognition matching precision through similarity threshold tuning and multi-stage re-ranking
- End-to-end document pipeline latency cut from ~8s to under 2s via async orchestration and selective LLM invocation

Jan 2020 - Oct 2025, Grid Dynamics (service company).

Lead developer / Technical Project Manager.

Achievements:

- Delivered multiple complex projects for high-profile clients (Nike, Mars, GAP).
- Achieved contract extensions, securing \$1M+ in additional revenue.
- Improved front-end and API architecture of projects, leading to more than 30% shorter load and response time, simultaneously cutting development time -20%.
- Automated manual operations in development and testing processes, making build routines 2-3x faster.
- Resolved long lasting security issue. Led technical negotiation and hands-on efforts arranged with third-party vendors.
- Mitigated interpersonal conflicts, prevented disruption of team spirit and composition.

Dec 2017 - Jan 2019, WIX / DeviantArt (product company).

Lead full-stack JS developer.

Replatforming one of the oldest social networks. with 40+ million active users.

Achievements:

- Identified and rectified a roadmap flaw, helping to engage additional 25% of the audience post-launch, in comparison with the original plan.
- Came up with a workflow system letting design and development teams effectively work in parallel, saving approx. 30% of development time. Proposed optimal design changes.

June 2016 - Oct 2017, Leantegra (startup).

Full Stack Web Developer.

Contributed to development of complex high load RTLS (real time location system) in the IoT domain, written with microservice architecture (broker topology).

... started **May 2013**.

Education:

- 2003 - 2007 bachelor of **Computer science**. Donbas State Machine building Academy, Kramatorsk, Ukraine.
- 2007 - 2012 Master of **Law**. National "Law Academy of Ukraine" named after Yaroslav the Wise, Kharkiv, Ukraine.

Languages:

- English - C1+
- Ukrainian - native
- Russian - native