MYLCHENKO ALEXANDER KONSTANTINOVICH

javascript/java developer | **mobile developer** | **full-stack developer**

Software engineer with commercial development experience since 2005. My primary focus and core strength is building software products from scratch, including architecture design and full-stack implementation. I have hands-on experience across the full development lifecycle and can independently take a project from technical concept to production release.

At the same time, I am most effective within a team model where client communication and requirements management are handled by a project manager or business analyst. This approach helps avoid requirement distortion and allows full focus on engineering tasks-architecture, implementation, and long-term technical stability of the solution.

I primarily work in Ukrainian engineering teams, where clear professional communication and a shared working language are established within the team. In collaborative development, I consider a unified technical and communication context essential, as it positively impacts solution quality, development speed, and predictability of results.

I am comfortable working both independently and as part of well-structured teams with clearly defined roles and processes. I prefer collaboration models where the company acts as a fully responsible party for the project-ensuring coordination, process support, and accountability for results-rather than shifting management or client-facing responsibilities onto developers.

CORE ENGINEERING FOCUS

Engineering work is focused on building application systems where business logic, architecture, and infrastructure form a coherent and manageable structure. During development, the key priority is not only implementing functionality, but also ensuring the product model remains resilient to extension and changing requirements.

Practical experience includes designing and implementing web, mobile, and enterprise solutions across various domains: fintech and banking systems, streaming platforms, security systems, logistics, SaaS products, and corporate administrative services. This includes working with systems that require high stability, access control, auditability, real-time data processing, and integration with external services.

Depending on the context, both modular monolithic architectures and microservices approaches have been applied. The use of Domain-Driven Design, CQRS, and event-driven principles has enabled structuring of the domain model, reducing component coupling, and managing system evolution without compromising its internal integrity.

Hands-on experience includes building systems with fine-grained access control, session management, audit logging, integration of security validation mechanisms, and interaction with external APIs. Priorities include predictability of system behavior, controlled change management, and engineering discipline during scaling. The development approach is grounded in pragmatism and responsibility for the long-term state of the product: every architectural decision is evaluated in terms of its impact on the system's future evolution.

LANGUAGES

UKRAINIAN	Spoken and written communication.
RUSSIAN	Fluent, spoken and written communication.
ENGLISH	Technical reading and written communication (working proficiency).

Primary languages for direct communication are Ukrainian and/or russian. Within a team, I follow the principle of efficiency and speed of interaction, without ideological or formal constraints. I work within an engineering model with clearly defined roles: the developer is responsible for architecture and implementation, while interaction with external stakeholders is handled through designated managerial roles. I am oriented toward Ukrainian engineering teams with well-established processes and professional structure.

I do not consider cooperation with companies associated with the aggressor state, nor with projects in grey or ethically questionable domains (gambling, adult industry, etc.).

SKILLS

PROGRAMMING LANGUAGES	JavaScript/TypeScript, Java
FRONT-END	ReactJS (SSR/CSR), NextJS, Redux, Flux, React Hooks, Context API, React Router, React-Native, Expo.IO, jQuery, Bootstrap, Ant Design, Material UI, CSSS/CSS, Stylus, Jade/Pug, Webpack, Babel, Gulp, AJAX
BACK-END	NodeJS, ExpressJS, Spring Boot, Laravel, GraphQL, REST/API, WebSockets, Axon Server/Framework, Middleware Architecture, API Design, Authentication & Authorization, JWT, OAuth2, Session Management, ACL/RBAC, Audit Logging, Security Engineering, Validators, ImageMagick, Wowza Streaming Engine, Google API, Google Maps/Geolocation API, Telegram API, Facebook API, VK API
ARCHITECTURE & ENGINEERING PRACTICES	Domain-Driven Design (DDD), CQRS, Event Sourcing, Clean Architecture, Hexagonal Architecture, Layered Architecture, Microservices Architecture, Event-Driven Architecture, SOLID Principles, System Architecture Design, Full-cycle Product Development, Legacy System Modernization, Refactoring, Performance Optimization, Integration Architecture, Technical Documentation, Sprint-based Development (Agile), Team Leadership, Monorepo / Multi-repo Strategy, Real-time Systems, Media Streaming Architecture, Video Processing Pipelines
DATABASES	MySQL, MariaDB, PostgreSQL, MongoDB, SQLite, Redis, InterBase/Firebird
INFRASTRUCTURE & DELIVERY	Docker, AWS S3, CDN, CI/CD, Linux, Nginx, Environment Configuration (.env), Reverse ProxyGateway, CORS Configuration, App Store Release Management, Google Play Release Management

EXPERIENCE (20+ years)

2022	june	**ARGUS SOFT**
		javascript/java	mobile developer	full-stack developer	teamleader
		3 year(s) 9 month(s)
2021	september	**LÖFFLER SECURITY SYSTEMS**
		javascript	mobile developer
		1 year(s) 8 month(s)
	november	**CART2CART**
		javascript	front-end developer
		8 month(s)
2018	february	**ISRAEL NATIONAL TELEVISION**
		javascript	full-stack developer
		5 month(s)
	june	**OPPORTY**
		javascript	full-stack developer	teamleader
		4 month(s)
	december	**ROCKETECH SOFTWARE DEVELOPMENT**
		javascript	**full-stack developer**
		2 year(s) 8 month(s)
2017	june	**OSSYSTEM**
		javascript	full-stack developer	teamleader
		10 month(s)
2016	july	**CISCO**
		full-stack developer
		5 month(s)
2013	august	**ЙОГА 23 (Y23) ОДЕСА**
		full-stack developer	teamleader
		4 year(s) 3 month(s)
2011	june	**CONTINUUMUA**
		full-stack	software developer
		5 year(s)
2010	september	**ООО «СПЕЦКОДСЕРВІС»**
		actionscript developer
		10 month(s)
2008	august	**FULL HOUSE LTD.**
		software developer
		5 month(s)
2007	march	**SEA&LAND AGENCY**
		software developer
		1 рік 6 month(s)
	january	**ПП АВТОТРАНСКОНТЕЙНЕР**
		software developer
		1 year(s) 1 month(s)
2005	august	**ДП ОДЕСЬКИЙ АВІАЦІЙНИЙ ЗАВОД / AVIRS**
		software developer
		1 year(s) 1 month(s)

WHAT I BUILD

Web and mobile application development has been carried out in a full-cycle format-from design to deployment and maintenance. Within projects, I have taken responsibility for implementing client-side, server-side, and mobile components, ensuring consistent interaction between interfaces, business logic, and integrations.

The main focus has been on building complex web solutions and mobile applications: admin panels, corporate platforms, and client-facing services. I have implemented application structure, key screens, components, and interaction flows, including work with geolocation, maps, background processes, and real-time data handling.

On the backend side, I was responsible for API design, data processing, and integration with databases and external services. I implemented integrations using third-party APIs (including Google APIs), as well as OAuth-based authorization mechanisms, ensuring secure and reliable data exchange between systems.

A separate area of work involved participation in the modernization of financial systems, including transforming legacy solutions toward a more structured domain model. Within these tasks, I applied Domain-Driven Design by defining domains, structuring business logic at the domain level, and implementing the CQRS approach. This enabled gradual reduction of monolithic dependencies without full system rewrites and improved manageability of complex business logic.

In high-complexity projects, I handled system design tasks: defining architecture, separating responsibilities between modules, and building scalable solutions adaptable to changing business requirements.

Additionally, I developed internal business tools - content management systems, data management platforms, and operational process tools. These solutions allowed companies to work with their products independently without involving developers in everyday tasks.

Within team environments, I participated in task decomposition, complexity estimation, and technical implementation of requirements provided by project managers. In several projects, I acted as a technical lead-making architectural decisions, coordinating development, and ensuring implementation quality.

The result of this work has been production-ready products - from MVPs to full-scale systems - integrated into business processes, with consideration for performance, security, and long-term evolution.