

ALEXANDER FEDERYAKOV

Delivery Manager, Head of Software Development Department

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EXPERIENCE

Delivery Manager

EPAM 09/2022 - present Antalya, Turkey
Global software engineering and consulting services

Managed distributed teams and end-to-end delivery of high-load, mission-critical systems operating at scale (millions of users and transactions, terabyte-scale data volumes, strict SLA requirements).

- **Directed** 4 concurrent programs with distributed teams of up to ~50 engineers across 20 countries, ensuring predictable delivery.
- **Owned** full SDLC: scope definition, planning, execution, release, and production support across Agile, Waterfall, and hybrid delivery models.
- **Delivered** cloud-native and distributed systems (Azure/AWS) supporting high-volume transaction processing and enterprise integrations.
- **Led** technical design reviews with senior engineers and architects, challenging system designs for scalability, resilience, cost efficiency, and operability in production environments.
- **Drove** adoption of AI / LLM-based engineering practices across teams, improving development velocity and decision-making quality.
- **Established** delivery governance: roadmap planning, risk management, budgeting, stakeholder alignment, and executive-level reporting.

Flagship program: Cloud transformation for PantheRx.

- Led migration of legacy, unsupported enterprise systems to modern cloud-native architecture on Azure.
- Improved scalability, reliability, and maintainability of platforms used by ~200,000 external users.
- Reduced infrastructure and operational overhead by 22%.

Additional impact:

- **Led** enterprise-scale cybersecurity remediation program for Lenovo.
- **Delivered** platforms and integrations for Syngenta and SLB.

Technology environment:

- Cloud (Azure, AWS), distributed systems, microservices, REST APIs, event-driven architecture (Event Hubs), CI / CD, AI / LLM.

Head of Software Development Department

Sibintek 02/2016 - 07/2021 Moscow, Russia
IT subsidiary of Rosneft oil corporation

Led 5 teams (up to ~50 FTEs) delivering enterprise systems and transaction-heavy platforms supporting up to ~20M external users and 350K internal users.

- **Owned** staffing, budgeting, and delivery planning across multiple concurrent programs, balancing portfolio priorities and resource allocation.
- **Established** delivery governance and scaled Agile/DevOps practices (SAFe, CI / CD), improving delivery predictability across teams.
- **Worked directly** with VP-level stakeholders and cross-division leadership to align delivery with business priorities and budget constraints.

Key achievement:

- Transformed the division into a self-sufficient and profitable unit by restructuring staffing model, optimizing technology spend, and refocusing project portfolio.

Additional impact:

- **Delivered** and operated high-load loyalty platform, including integration with Terrasoft CRM and external transaction systems.
- **Led** development of employee education platform used by ~350K internal users.
- **Oversaw** multi-year migration of ~30 TB of loyalty data to a new SAP-based platform (part of a ~\$10M program; owned one delivery stream).

Technology environment:

- Distributed systems, high-load processing; cloud (Azure), data platforms (Oracle, PostgreSQL, HBase, Redis), backend and frontend stacks (.NET, C#, Java, C++, Python).

SUMMARY

Delivery Executive with 20+ years building and scaling mission-critical platforms for Fortune 500 clients. Combines deep hands-on technical expertise with executive-level ownership of distributed systems, high-load transaction processing, and cloud/AI transformation programs. Proven track record of turning underperforming engineering organizations into profitable, high-velocity delivery units.

EDUCATION

Ph.D. in Information Technology
Russian New University, Moscow
2007 - 2011

Master of Science in Information Technology
Plekhanov Russian University of Economics, Moscow

SKILLS

Program Leadership Stakeholder Management
Resource Planning Distributed Teams
Agile / SAFe Budgeting
High-load Systems Enterprise Integration
Cloud Architecture Microservices
AWS Azure AI / LLM SQL / NoSQL

LANGUAGES

English	Proficient	●●●●●
Russian	Native	●●●●●
French	Intermediate	●●●●●

CERTIFICATION

Microsoft Certified Solution Developer

IELTS (C2)

Head of Software Development Department

Informational Technological Systems (ITS) 01/2011 - 02/2016 Moscow, Russia
Customer loyalty solutions provider

Led development of a customer loyalty platform for retail clients, including high-load transaction processing and integrations with payment networks.

- **Managed** a team of 7 engineering and external vendors, owning delivery from design through production and support.
- **Coordinated** backend and frontend development, release planning, and scope control across multiple client implementations.
- **Built** and scaled a high-load loyalty engine used by 8 clients, including «Trade Union of Railway Workers and Transport Builders» and «Dynamo Sports Society», supporting up to ~1.3M members per client.
- **Ensured** system stability, performance, and readiness for production operations.

Key achievement:

- Designed and developed a scalable loyalty platform that was later acquired by Rosneft together with the engineering unit.

Technology environment:

- High-load systems, transaction processing; C++, C#, Ruby, Oracle, ISO 8583.

Team Lead

Bantec 06/2010 - 01/2011 Moscow, Russia
Electronic customs declaration systems

Led team of 4 software developers delivering customs declaration and electronic government systems.

- **Designed** architecture for regulated data exchange and document processing.
- **Implemented** security and cryptography mechanisms for compliant government data transmission.
- **Managed** integration with external customs and governmental IT systems.
- **Ensured** reliability, performance, and compliance in production environments.

Key achievement:

- Developed core components enabling secure and compliant transmission of customs data for government systems handling sensitive information.

Technology environment:

- C++, C#, Ruby, Oracle, cryptography.

Head of the Technical support department

Tautlink 02/2009 - 06/2010 Moscow, Russia
Payment terminals and financial services

Led support and operations for nationwide POS terminal infrastructure across Russia and Ukraine comprising thousands of terminals.

- **Maintained** and optimized payment terminal software and backend transaction-processing components.
- **Managed** incident resolution, root-cause analysis, and production reliability for financial transaction systems.
- **Delivered** modernization of internal conferencing and web platforms supporting business operations.

Key achievement:

- Improved reliability and operational support for payment-processing systems, helping increase client transaction volumes by 8x through higher platform stability and customer trust.

Technology environment:

- VB .NET, C#, PHP, MS SQL Server.

Software developer

IT R&D Center at the Ministry of Foreign Affairs 09/2007 - 01/2009 Moscow, Russia
Automation of government services

Coordinated vendors and developed internal tools for government IT systems.

- **Managed** technical communication, requirements clarification, and delivery coordination with external teams.
- **Developed** internal applications and database-driven tools for automation of government services.
- **Participated** in component design and application architecture decisions.

Key achievement:

- Contributed to development and integration of government IT systems supporting automation of internal administrative processes.

Technology environment:

- C++, C#, Java.