

Egor Danchenko

AI Solutions Engineer | Systems Analyst | Product & System Architect

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PROFESSIONAL SUMMARY

AI solutions and systems specialist with 5+ years of experience in enterprise IT across technical support, quality assurance and system analysis. Experienced in translating business needs into functional and non-functional requirements, process models, API integrations, system documentation and implementation tasks.

At Sber, contributed to enterprise AI-agent and infrastructure projects involving GigaChat, RAG, MCP and REST APIs. Independently designed and launched Staya, a consumer communication product, and Ritm, a B2B company workspace. Strong at bridging business, product and engineering teams and taking solutions from an ambiguous request to production.

CORE EXPERTISE

AI Solutions: LLM Agents, RAG, MCP, Prompt Design, Structured Outputs, AI-assisted Workflows

System Analysis: Functional and Non-functional Requirements, Use Cases, User Stories, BPMN, UML, Acceptance Criteria, RBAC

Integrations: REST API, OpenAPI/Swagger, JSON, WebSocket, WebRTC, Integration Scenarios, Postman

Data: SQL, PostgreSQL, MS SQL, Data Modelling, ER Diagrams

Delivery: Jira, Confluence, Figma, Draw.io, Testing, UAT, Release Support

PROFESSIONAL EXPERIENCE

Sber

September 2024 – May 2026

System Analyst

Worked on enterprise AI, infrastructure and policy-management systems within a large banking technology environment.

- Analyzed and formalized business, functional and non-functional requirements for enterprise systems.
- Designed business processes, use cases, system behaviour and high-level interaction scenarios using BPMN and UML.
- Contributed to the design of an enterprise AI agent involving GigaChat, RAG, MCP and REST API integrations.
- Documented integration scenarios, system constraints, assumptions, acceptance criteria and development requirements.
- Worked on server deployment, configuration-management and policy-management systems.
- Designed domain logic, user roles, access permissions and GUI prototypes for enterprise functionality.
- Decomposed requirements into implementation tasks and supported development, testing and acceptance.
- Maintained project documentation in Jira and Confluence and collaborated with developers, QA engineers, architects and internal stakeholders.

Selected technologies: GigaChat, RAG, MCP, REST API, JSON, SQL Server, BPMN, UML, Postman, Jira, Confluence, Figma, Draw.io, Linux.

SELECTED PRODUCT PROJECTS

Independent projects developed alongside professional employment

Staya

Founder · Product & System Architect

[staya-app.ru](#) · [App Store](#) · [Google Play](#)

A production communication platform with private and group chats, channels, voice and video calls, media scenarios and AI-assisted features.

- Designed the product concept, user scenarios, system logic and client/backend interactions.
- Defined requirements for authentication, communication flows, notifications, real-time states and media

FEATURES

SELECTED PRODUCT PROJECTS

Ritm

Founder · Product & System Architect

[ritm-app.ru](#) · [App Store](#)

A mobile-first B2B workspace combining company communication, employees, knowledge and daily operational processes.

- Designed product requirements and system logic for a multi-user company environment.
- Defined organisation, employee, role and access-management scenarios.
- Designed mobile and web-admin workflows.
- Structured functionality across chats, calls, employees, internal news, Wiki, calendar, requests, tasks and files.
- Decomposed functionality for the development team and supported implementation and testing.

Evidence: 10 companies expressed interest in free pilot testing after product readiness.

PROFESSIONAL EXPERIENCE

Astra Group

February 2023 – February 2024

Technical Support & Manual QA Specialist

- Provided technical support to company employees and office users across the Astra software ecosystem.
- Registered, classified and tracked incidents and service requests in Jira.
- Diagnosed software and user-environment issues and collected information required for escalation.
- Performed manual functional and regression testing of Astra software products.
- Reproduced defects, prepared clear bug reports and documented steps, expected behaviour and actual results.
- Verified fixes and interacted with developers and other technical teams.

Selected tools: Jira, Linux, Manual Testing, Functional Testing, Regression Testing, Bug Reporting.

RZD-Techservice

August 2020 – February 2023

Technical Support / Enterprise IT Specialist

- Supported users and corporate IT systems in a large enterprise environment.
- Registered, classified and routed technical incidents and service requests.
- Diagnosed recurring software, access and workplace issues.
- Collected technical information and collaborated with specialised support and infrastructure teams.
- Developed a practical understanding of enterprise system operation, incident lifecycle and user support processes.
- Built a foundation in technical communication, problem analysis and production-system behaviour.

SKILLS

AI & Automation	System Analysis
LLM Agents, RAG, MCP, Prompt Design, Few-shot	Requirements Engineering, Functional Requirements,

Prompting, Structured Outputs, AI-assisted Development, GigaChat, ChatGPT

APIs & Integrations

REST API, OpenAPI / Swagger, JSON, HTTP, WebSocket, WebRTC, Postman, Integration Scenarios

EDUCATION

National Research University “Moscow Power Engineering Institute”

Bachelor’s Degree in Business Informatics · 2024

SELECTED MEDIA

Interview on AI-assisted product development, system design and launching communication products. youtu.be/Al_ynt7LnIM

Non-functional Requirements, Use Cases, User Stories, Acceptance Criteria, BPMN, UML, Sequence Diagrams, Domain Modelling, RBAC, Technical Documentation

Data & Tools

SQL, PostgreSQL, MS SQL / SQL Server, ER Diagrams, Jira, Confluence, Figma, Draw.io, Git, Linux

LANGUAGES

Russian — Native

English — used in product writing and interviews