

Elena Nikolskaya

Brussels, Belgium | +32 473 92 63 62 | elena.nikolskaya@gmail.com
linkedin.com/in/enikol | calendly.com/elena-nikolskaya/30min-call



Senior Functional Analyst with a Master's in Artificial Intelligence and 12 years of experience translating complex business needs into end-to-end digital solutions across transport, logistics, automotive, telecom and insurance. Strong in functional and solution analysis, business processes, system integration and data flows. Experienced in bridging business, architecture and delivery teams, with hands-on use of Agile and AI-assisted analysis and development. **CBAP, PSM II.**

CORE COMPETENCIES

- **Solution Analysis & Integration:** End-to-end solution design, component and interface modelling, data flows, impact analysis, security/privacy requirements, change strategies, end-to-end testing.
- **Business Analysis:** Workshop facilitation, user journey design, process mapping (BPMN), business rules, mock-ups, user stories, UAT scenarios and organisation.
- **Functional Analysis:** Detailed specifications (UML), APIs, event-driven integration, functional testing.
- **Data:** Master's in AI, data modelling, dashboards, production telemetry.
- **Agile Delivery:** Certified Advanced Scrum Master. Scrum ceremonies and supporting tools, backlog management, cross-team coordination and coaching.
- **AI-assisted Delivery:** GenAI-assisted analysis and specifications, rapid prototyping, vibe coding, AI agents and workflow automation.
- **Tools & Frameworks:** Azure DevOps, Jira, Confluence, Codex + VS Code, Bizzdesign, Databricks, Enterprise Architect, Figma, Postman, Power BI, Swagger, SQL, ServiceNow, Design Thinking, DDD, BDD.

PROFESSIONAL EXPERIENCE

Eurostar – Functional Analyst
Brussels · 2025 – 2026

- Defined the functional design, business rules and data flows for consolidating two legacy rostering systems into a single solution.
- Modelled system architecture and end-to-end data flows at component and interface level, supporting functional design and integration analysis.
- Acted as functional domain expert for interfaces with consumer applications, defining, testing and supporting data flows across multiple systems.
- Analysed event-driven integrations and collaborated with architects, developers and data/integration teams to validate functional design and technical feasibility.
- Facilitated requirements and solution-design workshops across two business teams and third-party solution providers; documented business processes and business concepts.
- Developed dashboards for productivity analysis, from data exploration and SQL queries to business metrics and visualisation, using hand-written and GenAI-assisted SQL.

Interparking – Functional Analyst
Brussels · 2024 – 2025

- Elicited business requirements for Pcard App enhancements through workshops with Marketing & Operations; documented as user journeys and BPMN/UML models.
- Led the end-to-end solution design defining integration architecture, API contracts, and non-functional requirements. Leveraged GenAI tools to accelerate analysis.
- Created user stories with detailed functional specifications and acceptance criteria.
- Coordinated UAT, led compliance reviews (GDPR, security).
- Facilitated all sprint ceremonies, optimized Azure DevOps workflows, restructured backlog, stabilized the release process, established issue management process based on ServiceNow.

Yuzzu (AXA Group) – Functional Analyst
Brussels · 2022 – 2024

- Defined flows across third-party components (marketing platforms, e-payment, property intelligence) and in-house systems (web front-end, insurance back-end, BI).
- Documented business processes, business rules and user journeys for customer self-service and conversion tracking. Performed UAT.
- Defined API specifications and data models for integration and business intelligence.
- Delivered dashboards and data insights for UX and process improvement based on user-interaction analytics: Google Analytics, Hotjar, Azure logs and Oracle database.
- Clarified Agile workflows and improved documentation practices.

Toyota Connected Europe – Functional Analyst
Brussels · 2021 – 2022

- Defined features for remote vehicle control and usage-based insurance. Translated product vision into epics and user stories for middleware team.
- Modelled end-to-end process flows to support IoT-based device activation.
- Defined microservice architecture, data models and detailed API specifications.
- Coordinated multi-team phased As-Is/To-Be transition and integration tests.
- Transitioned a Scrum team to Kanban to reduce cycle time.

DHL – Business Analyst
Brussels · 2019 – 2021

- Led RFP workshops and vendor evaluation; documented capabilities, target architecture and phased go-live strategy for third-party booking system.
- Mapped AS-IS/TO-BE data flows for operations & analytics, defined interface specifications with enterprise architects.

Earlier Roles (summary 1998 – 2019)

- **Proximus:** Project Manager & BA (2017–2019); provisioning business process, ML-based damage detection.
- **Ezhek:** Product Owner & BA (2017–2019); MVP definition, user stories, UX design.
- **General Electric Power&Water:** Contract Performance Manager (2007–2013); logistics business process, supply-chain analytics.
- **Alstom Transport:** SAP PM Process Analyst (2007); To-Be process design.
- **NCC:** Business Analyst (1998–2001); business processes, tariffs design.

EDUCATION

KU Leuven | Master of Science in Artificial Intelligence (Machine Learning) 2015 – 2016
MIREA (Russia) | Master of Science in Radio Engineering 1991 – 1995

CERTIFICATIONS & TRAINING

- AI-assisted development, vibe coding & AI agents. Zamesin School, 2026.
 - Knowledge Infrastructure. Diana Montalion, DDD Europe, 2026.
 - Certified Business Analysis Professional, CBAP. IIBA, 2025.
 - Certified Professional Scrum Master II. Scrum.org, 2025.
 - Diagrams-as-code with AI. DDD academy, 2025.
 - DDD, Event Storming. DDD academy, 2024.
 - BDD, Specification by Example. Gojko Adzic, 2024.
 - End-to-end Business Analysis with Sparx Enterprise Architect and AI. BA&Beyond, 2024.
 - Implementing SAFe. Self-study, 2023.
 - UX curriculum. Interaction Design Foundation, 2022-2024
 - Certified Workshopper Master. Facilitation and Design Sprint. AJ&Smart, 2022.
 - Advanced Design Thinking. IDEO-U, 2021.
 - Model-driven Business Analysis Techniques. Clariteq, 2019.
-

LANGUAGES

English (Fluent) • French (Fluent) • Dutch (Conversational)
Russian (Native) • Spanish (Intermediate) • German (Intermediate)