

Iurii Rogulia



Senior Full-Stack Engineer · TypeScript · React · Python

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Available for long-term contracts · EU VAT registered (FI29845875) · 100% Remote

SUMMARY

Senior Full-Stack Engineer with 23+ years shipping production systems — most recently building an international e-commerce platform (35 countries, 30 languages), a RAG AI chatbot that cut support response time 10x, and a fully automated order pipeline with zero manual touch. Deep expertise in TypeScript, React/Next.js, Python/FastAPI, and EU-market SaaS. Available for long-term B2B contracts as a registered EU business (TMI, VAT FI29845875); also open to senior full-time roles.

CORE COMPETENCIES

- › EU-market product launches (VAT, i18n, multi-currency)
- › Full-cycle SaaS — architecture to production deploy
- › API integrations and business process automation
- › AI-powered features (RAG, OpenAI, vector search)
- › E-commerce: Stripe, payments, order automation
- › Legacy system rescue and re-architecture

SKILLS

Backend	Python, FastAPI, Node.js, Hono, REST APIs	Frontend	React, Next.js, TypeScript, JavaScript, Tailwind CSS
Databases	PostgreSQL, MySQL, Redis, Turso, Drizzle ORM	Infrastructure	Linux, Docker, CI/CD, Nginx, Vercel, VPS, cloud-native
Integrations	Stripe, OpenAI, Zoho CRM, Airtable, Mailgun	Specialities	EU VAT compliance, i18n, SaaS, RAG/AI, automation

EXPERIENCE

Head of Development

Oct 2024 – Jan 2026

Suomen Pehmeä Ikkuna Oy · Hybrid · Savitaipale, Finland

- › Architected and shipped an international e-commerce platform serving 35 countries in 30 languages — from zero to production in under 3 months, with full EU VAT compliance, multi-currency Stripe checkout, and automated order fulfilment.
- › Eliminated manual order processing by building a webhook-driven pipeline (Stripe ' CRM ' accounting ' PDF invoice ' email) — reduced fulfilment time from 30 minutes to under 2 minutes per order, zero human touch.
- › Built EU expansion infrastructure: 13 currencies with live exchange rates, per-country VAT auto-synced from European Commission data — entering a new EU market now requires a config entry, not a developer.
- › Deployed a production RAG system (hybrid semantic + keyword search, GPT-4o-mini) — cut support response time from 40+ seconds to under 4 seconds, resolving the majority of queries without human intervention.
- › Implemented server-side GA4 + Meta CAPI tracking, achieving 100% purchase event capture including ad-blocker users — giving marketing accurate attribution data for the first time.

Next.js · TypeScript · React · Stripe · OpenAI · Upstash Vector · Zoho CRM · Airtable · Puppeteer · Mailgun

Chief Technical Officer

Jul 2012 – Oct 2024 · 12 yrs

FP Oy · On-site · Lappeenranta, Finland

- › Led all technology for a Finnish manufacturing company for 12 years — defined architecture, built the entire digital infrastructure from scratch: customer portal, internal tooling, and logistics APIs.
- › Replaced phone/email ordering with a self-service web platform — cut order intake time by 70%, eliminated manual data entry errors, and freed the sales team from order transcription entirely.
- › Automated the full export documentation pipeline (declarations, customs forms, invoices, shipping paperwork) — saving 15+ staff hours per week and removing a category of compliance errors from the business.
- › Unified three isolated systems (CRM, support, accounting) into a single data pipeline — ending cross-department duplicate entry and giving management a single source of truth.
- › Maintained 99.9%+ uptime across on-premise and cloud Linux infrastructure — zero critical outages in 12 years.

JavaScript · Node.js · Python · React · MySQL · PostgreSQL · Linux · Airtable · Zendesk

Lead Developer

Jun 2001 – Jul 2012 · 11 yrs

Niazida Oy · On-site · Lappeenranta, Finland

- › Grew from junior frontend to lead developer over 11 years, delivering 50+ client projects across e-commerce, media, and enterprise. Introduced version control, CI, and code review practices to the team.

WHAT I BUILD

Over the years I've shipped production systems for European businesses: international e-commerce platforms with automated fulfilment pipelines, EU VAT compliance infrastructure, RAG-powered AI chatbots, developer SaaS APIs with Stripe billing, and algorithmic trading systems. My work typically reduces manual operations by 70%+, enables new market entry without per-country engineering, and ships in weeks rather than quarters.

Full portfolio: iurii.rogulia.fi/projects

LANGUAGES

English — Professional working proficiency **Finnish** — Conversational