



Jyri Gromyko Lintunen

Full-Stack Developer · ERP, banking and POS integrations

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9+

years building software

100+

delivered projects

Open to new projects

INTEGRATIONS AS A SUBCONTRACTOR

ERP, banking and POS integrations

Integrations that are running now: online stores to Visma Nova, a POS system to a store and bank statements to bookkeeping. The principle is always the same: an external id, a repeatable run and a visible error.

Engagement: Invoiced by the hour through my own company, GG Solutions Oy (Finland), on IT2018 terms or your subcontracting agreement. Remote, or hybrid from Helsinki.

INTEGRATION PROJECTS

Automated accounting system

2026 to present

Architect & developer · In daily use

End-to-end bookkeeping automation for a sole trader, a limited company and a personal account.

- **Bank-statement retrieval and parsing:** Nordea (CSV / JSON) and Holvi (XLSX / JSON). The limited company has two Holvi accounts (main and tax reserve), of which only the main one is published to the ledger while the reserve is tracked as a budget.
- Automatic receipt collection through the Gmail API (OAuth2), email-to-PDF conversion, and matching each receipt to the right transaction by amount, date and counterparty.
- **A VAT engine:** rates and tax classes, reverse-charge VAT, pension-scheme expenses, a counterparty map and rules that live in configuration rather than in code.
- **Idempotent publishing into Firefly III:** transactions are keyed by external_id, so re-running never creates duplicates. The Finnish chart of accounts is mapped to Firefly categories, budgets are read from a Google Sheets plan, PDF receipts are attached to their transactions.

3 ledgers (OY / TMI / personal) 2 banks integrated 0 duplicates (idempotent)

Python Gmail API Google Sheets API Nordea Holvi Firefly III SQLite Gemini openpyxl Chrome headless

westface.fi

2022–2026

Developer & integration owner

Facade-panel store integrated with the Visma Nova / Loocos ERP

- **Two Python microservices connect the store to the ERP:** an importer unpacks the Nova archive and upserts the catalogue through the WooCommerce REST API (stock, price, status, categories, brand, facade attributes); an order exporter runs the other way.
- A full local Docker replica of the production store so changes can be tested without touching sales, including cache purging and URL rewriting.

WordPress WooCommerce PHP 8.2 MySQL Python WPML Visma Nova Docker

camu.fi

2020–2023

Developer & maintainer

Online store with 8,000+ products and continuous POS synchronisation

- XML-based product and stock synchronisation with the POS every five minutes: millions of SQL statements a day without slowing the storefront down.
- **14 separate background services:** product sync, order export, stock updates, image repair and optimisation, SEO scripts, a Shopping feed, database cleaning and cache warming.

WordPress WooCommerce PHP MySQL Redis Python XML

MORE PROJECTS

whitebalance.fi2022–2026

The same Nova / Loocos integration pair as westface, adapted to a different attribute model (brand, colour, size) and a different order-storage mode.

WordPressWooCommerce 8.4PHP 8.2MySQLPython

Firefly III finance stack

A local Firefly III deployment with the Data Importer, an AI categoriser and an email reporter.

Docker ComposeFirefly IIIMySQLMailpit

Palsbo: space management and form protection2021–2026

Recurring Excel imports of premises lists are cleaned and normalised; the space-group data model was designed as a written spec before implementation.

PHPWordPressPythonCloudflare TurnstileXLSX

Shared development infrastructure

One Docker stack (MySQL 8, Redis 7, Mailpit) serving every project on a shared network: databases are created by script, each project joins the external network, and its launcher brings the infrastructure up automatically if it is not already running.

Docker ComposeMySQL 8Redis 7MailpitBash

TECHNICAL SKILLS

CoreWorking

Banking & finance

NordeaHolviFirefly IIIALV / VATYELTilinpäätös (KPL)ReskontraSähköinen laskutus

StripeVisma Nova

Data & integrations

Gmail APIGoogle Sheets APITelegram Bot API / TelethonXML / CSV / XLSX ETLWooCommerce REST

Web scrapingProxy-rotatioGoogle Calendar API

Backend

PythonDjangoFlaskPHPLaravelREST APISQLAlchemyWordPress / WooCommerce

FastAPINode.jsCelery

Databases

PostgreSQLMySQLMariaDBSQLiteRedisSQL-massakäsittely

EXPERIENCE

Entrepreneur & Full-Stack Developer2017 to present

Gromyko Jyri Tmi. / GG Solutions Oy · Helsinki, Finland

My own sole trader business and limited company. I own client projects end to end: scoping, architecture, implementation, production rollout, maintenance and invoicing.

Designed and built financial automation systems:

bookkeeping, VAT and pension-expense handling, financial statements, receivables, banking integrations (Nordea, Holvi).

API and database architecture:

REST APIs, multi-step migrations, bulk SQL processing and synchronisation with POS and ERP systems.

Full-stack applications and SaaS products:

React / Vue.js front ends, Python, Django, Laravel and Flask back ends, PostgreSQL and MySQL databases.

Military service · Finnish Defence Forces, Jaeger Brigade, Sodankylä, Northern Lapland (6 months)

HOW I WORK

Idempotency by default

Re-running an accounting job, a product sync or a lead import must never create duplicates.

Architectural decisions get written down

Every non-obvious choice ends up in an ADR file: what was decided, which alternatives were weighed and why.

Evidence before assertions

Nothing is declared done until the tests have run and the output has been read.

EDUCATION

Bachelor of Science, AI in Business · IU International University of Applied Sciences · 2024 to present · Distance learning

9+ years of production code · Self-taught & practice · 2017 to present

LANGUAGES

Finnish native · English fluent · Russian advanced · Swedish beginner

REFERENCES

“Jyri built the tilasa.fi website for Tilasa back in 2018. It still runs in 2026. I recommend Jyri for his expertise and the quality of his work.” Jussi Jokinen, Tilasa Oy

“Delivers what he promised, on time and with care. Thank you!” Miika Junttila, Peer Car Share Oy