



Jyri Gromyko Lintunen

Full-Stack Developer · AI for business processes

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9+

years building software

100+

delivered projects

[Open to new projects](#)

AI FOR EVERYDAY BUSINESS WORK

AI in production, not as an experiment

Language models and computer vision doing real work every day: email handling, receipt booking and quotes from photos. Every call has a price that shows up in the report.

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.

AI SOLUTIONS

B2B CRM & lead automation

2026 to present

Architect & sole developer · In production

A sales system where AI handles the mail: every campaign reply is labelled and summarised, and a draft answer is prepared in the same thread.

- **Inbound triage:** rules drop the noise, a language model judges the rest, and leads are registered in the system without manual work.
- **Company dossiers with Claude Opus:** every claim points to its source by id, and the report comes out as a finished PDF.

Python Flask 3.1 SQLAlchemy 2.0 PostgreSQL 16 React 19 Vite 8 Celery Redis

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.

- 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.
- **A financial-statement generator:** a balance sheet and income statement compliant with Finnish accounting law for both company forms, output as XLSX and PDF. Plus a Vero.fi-ready HTML VAT return.

3 ledgers (OY / TMI / personal) 0 duplicates (idempotent)

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

SKT quoting software: computer vision for job costing

2026 to present

Architect & developer · Active client project

Building assessment and window-cleaning cost estimation for the Helsinki metro area

- **A 10-phase pipeline:** Oikotie scraper (cards, details and photos) → Digitransit geocoding → Google Street View (URL-signed) and Mapillary → Claude Sonnet Vision → man-hour formula v2.0 with a v3.0 refinement → a proposal from a single command.
- Cost tracking for every LLM call with its own self-test, so the price of vision analysis stays visible before a run is scaled to hundreds of targets.

10 pipeline phases 1,7 GB of imagery to analyse

Python 3.11 Claude Sonnet Vision Google Street View Mapillary Digitransit SQLite Streamlit Docker

TECHNICAL SKILLS

Core

Working

AI & data

Claude APIGemini APIVision-analyysiPrompt-versiointi & evalitOpenAI APIopenai-agents SDK

LiteLLMNLP RAG

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-rotaatioGoogle Calendar API

Backend

PythonDjangoFlaskPHP LaravelREST APISQLAlchemyWordPress / WooCommerce

FastAPINode.js Celery

EXPERIENCE

Entrepreneur & Full-Stack Developer

2017 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.

- LLM-backed production systems:** Claude and Gemini integrations, vision analysis, a versioned prompt registry with eval runs, per-call cost tracking.
- 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.

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

HOW I WORK

AI as a tool, not a shortcut

LLM calls are versioned, tested and cost-tracked.

Idempotency by default

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

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