

SUMMARY

AI engineer with 5+ years in Python and full-stack development. I take a business process or a prototype and turn it into a production system: LLM extraction pipelines, agents, RAG, multi-tenant SaaS. I work directly with stakeholders, from requirements to release; a typical first step is a vision document, an hour-by-hour estimate and a demo video, before anyone commits a budget.

SELECTED WORK

Clinical consultation SaaS: from chat prototype to production

A healthcare services provider had a single-tenant chat prototype for guided consultations: no clinician workstation, no billing records. I designed and built a multi-tenant platform: patient terminal (intake, safety questions, photos), clinician workstation (queue, case page, approve/override), admin back-office (tenants, fees, invoices, audit). Python/FastAPI, structured LLM extraction, MySQL, React. **Result:** in production, several clinical pathways, clinics billing from the same record.

Vendor onboarding automation: PDF & Excel catalogs → validated SKUs

A furniture marketplace onboarded a vendor a week, ~1,000 SKUs each, as PDF lookbooks, scans and Excel price lists with photos in merged cells; an operator spent 2–4 days per vendor retyping. I built a Python pipeline that reads the files as they are: one LLM call per file for the layout, geometry for photo-to-product links, verbatim values, structural flags, a review screen, export as drafts. **Result:** 1,589 products from a 111-sheet workbook in ~18 s, <1% lost (all logged), ~3% flagged for a human; 8 real vendor files proven end to end.

SKILLS

AI / LLM: OpenAI, Anthropic Claude, LangChain, RAG, structured extraction, agents, MCP, evaluation and tracing (Langfuse)

Backend: Python (FastAPI, Django), Node.js, REST APIs, async processing, Celery, Redis

Data: PostgreSQL, MySQL, pgvector, Milvus, Pinecone, data pipelines, PDF and scan parsing

Frontend: React, TypeScript, Next.js, HTML/CSS

Cloud & practice: AWS (ECS, ECR, S3), Docker, CI/CD (GitHub Actions, GitLab), Playwright, system and API design, estimates

EXPERIENCE

ITCRAFT: 08/2025 – PRESENT 1+ YEAR

Tech lead: AI projects for B2B clients, leading development teams

- Lead several AI projects in parallel, from requirements with the client to production and support: healthcare SaaS, e-commerce marketplace, business-process automation
- Led the clinical consultation SaaS (case above) from prototype to a production multi-tenant platform: architecture, LLM engine, release process, direct communication with the client
- Designed AI data and search systems for a marketplace: LLM extraction pipeline for vendor catalogs (case above), hybrid semantic search over the product catalog, deployed on AWS
- Set up the delivery process for the team: written task specs with acceptance criteria, code review, CI/CD, incremental releases
- Run presales for incoming leads: vision document, hour-by-hour estimate, demo and walkthrough video

Technologies: Python (FastAPI), structured LLM extraction, agents, RAG, vector search, MCP, LLM evaluation, MySQL, PostgreSQL, Redis, React, AWS ECS, Docker, GitLab CI, Playwright

INSAIT: 08/2024 – 08/2025 1 YEAR

Full-stack developer, AI product features

- Built UI components and backend endpoints for AI-assisted product features; designed configurable prompt systems for feature tuning
- Integrated Langfuse for observability, tracing and prompt evaluation; mentored junior engineers

Technologies: Python (FastAPI), Node.js, React, REST APIs, PostgreSQL, Docker, CI/CD, Prefect

AEROUA: 01/2023 – 08/2024 1 YEAR 7 MONTHS

Lead engineer

- Led engineering: code quality, review process and development workflow across the team; owned system-level design decisions
- Delivered AI-powered features and RAG-based solutions that opened new product capabilities

Technologies: Python, OpenAI and Claude LLMs, LangChain, RAG, agents, MCP, evaluation, PostgreSQL, Redis, Docker, AWS

WESOLVE: 04/2021 – 01/2023 1 YEAR 9 MONTHS

Backend developer

- Developed and maintained backend services and REST APIs for the core product; improved performance and reliability. Python, Django/FastAPI, PostgreSQL, Redis, Docker, CI/CD

EDUCATION

Bachelor's Degree in Computer Science — Kyiv National Economic University, 2020 – 2024