

Daniil Kovekh, Data & Full Stack Engineer

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EXPERIENCE

Aug 2024 — Present	Data & Software Engineer, Uniqa Insurance Group Developed a live screen translation app on C# & Python: overlays translations on Windows. Local translation with Helsinki NLP & Papago, detecting with Omniparser. Also Mac version on Electron. Developed a web application for automated data collection of companies and key employees using Python, Perplexity AI, Streamlit, BeautifulSoup, and PostgreSQL. Created an automated LinkedIn and email outreach system using Python, Selenium, SMTP for automated communication with 1500+ insurance agents in DACH. Created Nextjs Chatbot with Azure OpenAI and PGVector. Researched RAG OCR using VLMs & NLPs. Currently automating tasks for call center division: Email Classification, RPA with Selenium, n8n. Classifying 120k medicaments from FDA, NDC, Apoverlag for insurance coverage.	Vienna
Mar 2024 — Jul 2024	AI Consultant, KPMG Research in Large language models. Developed RAG models: Vector stores, knowledge graphs, fine-tuned embeddings, model evaluations, file transformers, ML and LLM, automatic docx file generations and RPA. Developed Next.js apps for external companies.	Vienna
Nov 2022 — Mar 2024	Data Warehouse Engineer, KPMG DWH for the Audit division. Worked with Azure Data Factory, SQL, Python. Built ETL processes. Designed robust data structures based on Kimball methodology. Managed 38 databases. Developed .NET C# web apps for internal stakeholders. Developed Django-based apps: dashboards, knowledge bases for auditors and managers.	Vienna
Jul 2018 — Present	Data & Full Stack Developer, koveh.com My studio creates DWH, React Next.js web-apps, React Native apps, AI bots, RPA. Developed DWH with 50+ DAGS for large FMCG company PrimeKraft by myself. Created analytics dashboards in Datalens, automated reports in Excel using python, Telegram bot for managers. Created React Native and React Next.js applications for David Krems Institute. Created Next.js Apps like societycreate.ru, i.koveh.com, api.koveh.com, meet.koveh.com and more. Created a concept of street bicycle lockers and other urban designs (available on koveh.com/personal). Developed pet projects: wine pairing bot, dietary app (2500+ users) in Telegram and 5+ other bots.	

EDUCATION

Aug 2024 — Present	Master, University of Economics and Business Quantitative Finance (#16 in the world). Math, Data Science and Finance	Vienna
Oct 2020 — Jul 2024	Bachelor, University of Economics and Business Business and Economics: Data Science, Finance, E&I Thesis: Serialization of Wikidata Using Indexed Property Chains (RDF* alternative)	Vienna
Sep 2019 — Jul 2020	Bachelor, Lomonosov Moscow State University Applied Mathematics and Computer Science	Moscow

SKILLS

Data Engineering

Apache Airflow, Kafka, Hadoop, Spark
PostgreSQL, ClickHouse, YTSaurus
Azure Data Factory, Yandex Cloud (Partner)
DataLens & Power BI & Grafana

RAG, Vision, RPA

Python (8+ years), R, n8n
Vector DBs (qdrant, pgvector, Chroma)
Full RAG & Agentic pipelines
Langchain, Ragas, Langfuse
10+ OCRs: Yolo, Dockling...
RPA: Selenium, BS4

Full-Stack & DevOps

React, Next.js, Tailwind, shadcn/ui
Node.js, Python (FastAPI, Django)
Linux servers, Nginx, RabbitMQ
Docker, Kubernetes, Gitlab CI/CD

Management

ACID, Agile/Scrum
Startup/Studio Management
Taxation, Bookkeeping, Contracts
Marketing, Sales (in progress)
Yandex Cloud Partner & ARDA member

Languages

German	B2
English	C2
Russian	Native

Hobbies

Writing articles, piano & guitar
Reading 30-50 books/year
Debating at DK Wien
Cycling, Windsurfing, Skiing
Architecture & Urban planning