# Ruslan Egorov

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## Stack

**Programming Languages**: 🐍 Python 🧪 Elixir 🐹 Golang 🌐 Javascript/Typescript
**Databases**: 🐘 PostgreSQL 🌿 MongoDB 🕸 GraphDB (Gremlin) 📦 Redis
**Infrastructure**: 🐳 Docker ☸ Kubernetes ⚙ Terraform 🔪 Kafka 🐰 RabbitMQ ☁ Cloud (AWS/GCP)

## Summary

Backend Engineer with **five years of experience**, **École 42** alumnus. I built applications using **Python**, **Elixir, JS/TS** and **PHP**. I have a three-year background in Computer Science as an **École 42** student. I am a team player, fast learner, I strive to be the better version of myself and to be a more qualified professional. Fluent in English and Dutch.

## Experience

### Backend Engineer, 35up.com, Jan 2023 — now

35up.com empowers small online businesses to cross-sell products like e-commerce giants without the complexity of inventory management. As a backend engineer, I developed and maintained applications in a polyglot environment (**Python**, **Elixir**, **Typescript**), worked with a complex **microservice architecture** with **AI-powered** pipelines, assisted new team members through knowledge sharing to accelerate their onboarding.

- ⭐ Took over and delivered a Shopware integration project after an outsourcing agency's failed implementation
- ⭐ Implemented a Shopify integration as a full-stack developer using **TypeScript** (**React+Remix**), which opened access to over 2 million potential clients across North America and Europe
- ⭐ Implemented **AI-powered semantic search** using **vector embeddings** and **vector search** during a company hackathon, which was adopted for the production AI recommendation system

<u>Stack</u>: **Python**, **Elixir, PHP** as languages for microservices, **Typescript** (**React+Remix**) for full-stack applications, **MongoDB**, **MariaDB** and **GraphDB** (**Gremlin**) as databases, **Kafka** as an event bus, **Docker**, **Kubernetes**, **Terraform** for infrastructure, **AWS**/**GCP** clouds, **Github Actions** for **CI/CD**

### Backend Engineer, Sberbank, Oct 2021 — Oct 2022

My team was responsible for all the BI-instruments at the bank. We mainly worked with **QlikSense**.
I developed an **Alerting-service** for the QlikSense platform. The service reduced time spent on monitoring metrics by 90%. At the end of Q2 we were ranked #1 based on the Client Satisfaction Index in our Department.

- ⭐ accepted as an Intern, promoted to an Engineer role within 3 weeks
- ⭐ created the product from scratch and released it within the compliance of the company and safety requirements
- ⭐ team ranked #1 based on the Client Satisfaction Index in the Department at the end of Q2 2022

<u>Stack</u>: **Python** (**FastAPI**, **SQLAlchemy**, **Alembic)**, **PostgreSQL**, **WebSockets** and **RestAPI**, **mTLS**, **Jenkins**

### Backend Engineer, DKC, September 2020 — September 2021

Developed and deployed a backend application for running a CPU-demanding calculation model which lets clients configure their own solar energy system based on their input (such as geodata, necessary power level, etc).
I successfully negotiated the contract and technical assignment, created the architecture and product from scratch, which was fully tested and accepted by the customer.

<u>Stack</u>: **Python**, **PostgreSQL, Celery**, **Redis**, **Docker** and **docker-compose**

## Education

- 🎓 Moscow State Linguistics University (Sep 2014 - Aug 2019)
- 🎓 École 42 (Sep 2020 — Jun 2023)
- 🎓 AI Agents Fundamentals, Hugging Face, (Feb 2025)
- 🎓 Golang-Developer course, OTUS (Apr 2022 — Sep 2022)
- 🎓 Coursera specialization course Python Developer, mail.ru, MIPT (Spring — Summer 2020)