Egor Poderiagin

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Location: Thailand (UTC+7)
Citizen: Russian Federation
Languages: English (advanced, C1), Russian (native), Thai (basic)

Platform / DevOps Engineer · Backend Tech Lead

Platform and DevOps engineer with a backend background: 10+ years in Python, including three lead roles, working with Kubernetes since 2019. I administer clusters with GitOps (Argo CD, Flux), design CI/CD pipelines in GitHub Actions and GitLab CI, and set up monitoring and logging with Prometheus, Grafana and Fluentd. I've run my own Kubernetes cluster for 6+ years; it hosts live products, including a self-hosted LLM service in production. Former CKA, CKAD and CKS. Based in Thailand (UTC+7), open to remote roles and relocation, available immediately.

Skills

- **Kubernetes & Platform:** Kubernetes, Helm, GitOps (Argo CD, Flux), Gateway API, CloudNativePG, Docker, Nginx, Linux, kind, Tilt
- **CI/CD:** GitHub Actions and GitLab CI (pipeline design), Jenkins
- **Observability:** Prometheus, Grafana, Fluentd, Fluent Bit, Sentry
- **Security:** Kubernetes NetworkPolicy, PCI DSS requirements (infrastructure and code)
- **Cloud:** managed Kubernetes on DigitalOcean and Azure, self-managed clusters; AWS; Google Cloud (studied on Coursera)
- **AI/LLM:** self-hosted LLM serving in production (llama.cpp on Kubernetes), model benchmarking, RAG, embeddings and hybrid search, MCP servers, OpenAI API integration
- **Backend:** Python, Django, FastAPI, Celery, PostgreSQL, Redis, RabbitMQ, Kafka
- **Frontend:** Angular, Vue 3, TypeScript
- **Testing & load:** pytest, Vitest, Playwright, k6

Projects

JodRubJai — personal finance SaaS, web and Android, live in production *June 2026 – present* · jodrubjai.com

- Sole engineer in a two-person team: I build and run the backend, frontend, infrastructure and CI/CD, and deploy to Kubernetes with GitOps (Flux).
- An AI model reads payment slips on my own infrastructure, without a GPU or a paid AI API: no per-request fees, no user data sent to AI vendors; background retries absorb the short outage during model updates.
- Load-tested on a local copy of production; chose the model by benchmarking 20 candidates on labelled slips. Write-up

Kubernetes · Flux · llama.cpp · Celery · Prometheus · k6 · Django · Vue 3 · PostgreSQL

TypeLearn — dictation-based language-learning app, open source *April 2026 – present* · typelearn.app

- The whole app installs from one Helm chart, and local development runs that same chart, so what works on a laptop is what runs in production.
- CI ships only tested builds: each image is built once, passes unit and browser tests and a trial run in a temporary Kubernetes cluster, and that same image goes to production.

Kubernetes · Helm · Gateway API · CloudNativePG · GitHub Actions · kind · Tilt · Django · Vue 3

vacancy-radar — local-first job-application vault, open source, on PyPI
July 2026 – present · github.com/Akay7/vacancy-radar

Lets AI assistants search and update a job-application tracker kept as plain markdown files, through an MCP server with keyword and semantic search. Write-up

Python · MCP · full-text and vector search

Open source Merged contributions to django-allauth (23andMe OAuth2 provider), strawberry-django, wagtail-localize (Django 6.0 support), fcm-django and django-celery-beat; Jazzband member.

Experience

WebGears Services — Backend Tech Lead *Serbia, remote · July 2024 – June 2026*

- Designed the multi-tenant architecture that moved every customer onto one deployment, cutting infrastructure costs and turning onboarding from a deployment project into a configuration change.
- Designed CI/CD pipelines in GitHub Actions that build Docker images and ship services to Kubernetes.
- Interviewed backend and DevOps candidates; turned business requirements into architecture decisions; led the move to Strawberry GraphQL.

Kubernetes · Docker · GitHub Actions · Python · Django · FastAPI · GraphQL · PostgreSQL · Redis

Biligent — Automation Specialist (part-time) *Rayong, Thailand · September 2024 – July 2025*

- Led the migration of the company's internal servers from VMware ESXi to Hyper-V, cutting licensing costs.
- Consulted on IoT architecture, device integration and data pipelines over MQTT and Modbus, working directly with partners on requirements.

Hyper-V · VMware ESXi · networking · cybersecurity · MQTT · Modbus

Hyperskill — Backend Developer *Czech Republic & USA, remote · September 2021 – April 2024*

- Built and scaled the backend of an international edtech platform serving web and mobile users; shipped API improvements while keeping backward compatibility.
- Designed and shipped integrations with third-party and internal services over RabbitMQ; gave technical presentations to the team.

Python · Django · DRF · MariaDB · ClickHouse · Redis · RabbitMQ · Docker · Azure · RAG

Maxiru — Lead Backend Developer *Boca Raton, FL, USA, remote · January 2021 – August 2021*

- Led backend development for a cruise line services platform; integrated services written by different teams in different languages over Kafka.
- Owned architecture decisions and sprint planning alongside the PM; primary technical contact for the client; interviewed backend candidates.

Kubernetes · Docker · Jenkins · Kafka · Python · Django · PostgreSQL · Elasticsearch

Crypto trading platform — Lead Developer *Georgia, remote · December 2019 – December 2020*

- Administered Kubernetes clusters with GitOps configuration (Flux); designed CI/CD pipelines in GitLab CI.
- Built infrastructure and code to PCI DSS requirements.
- Led a team of backend developers building the platform in Django and aiohttp; the product was not launched.

Kubernetes · FluxCD · GitLab CI · PCI DSS · Python · Django · aiohttp · pytest

Gefco — Senior Developer *Moscow, Russia · November 2017 – November 2019*

Built full-stack ERP systems for a major transportation company and integrations with internal and external systems inside a restricted corporate network; handled server administration.

Django · Angular · ExtJS · RabbitMQ · Nginx · PostgreSQL · Microsoft SQL Server

re:point — Python Developer *Novosibirsk, Russia · October 2015 – March 2017*

Developed REST APIs for mobile apps and client web projects; administered VPS servers and configured Nginx and Apache.

Django · Tornado · Nginx · Apache · Docker · AWS

Bars Group — Software Developer *Kazan, Russia · June 2015 – October 2015*

Developed and supported Django/ExtJS software for educational institutions and government agencies.

Python · Django · ExtJS · PostgreSQL · Oracle DB · Jenkins

Certifications

- CNCF certifications (all expired): Certified Kubernetes Administrator (CKA), Application Developer (CKAD), Security Specialist (CKS)
- Linux Foundation courses: Kubernetes Fundamentals (LFS258), Kubernetes for Developers (LFD259), Kubernetes Security Essentials (LFS260), Managing Kubernetes Applications with Helm (LFS244), Service Mesh Fundamentals (LFS243), Cloud Native Logging with Fluentd and Fluent Bit (LFS242), Monitoring Systems and Services with Prometheus (LFS241)
- AI: Retrieval Augmented Generation (RAG) — DeepLearning.AI
- Frontend: Mobile Web Specialist — Udacity, co-created with Google

Education

Stavropol Communication College — Technician-Programmer Diploma (equivalent to an Associate Degree), Software for Computers and Computer-Aided Systems, 2008–2012