

Ivan Pushkarev

DevOps & Platform Engineer

📍 Dortmund, Germany

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Professional Summary

DevOps and platform engineer with 8+ years of hands-on experience. I operated production [Kubernetes](#) clusters (EKS, AKS) and managed cloud infrastructure across [AWS](#), [Azure](#), and GCP using [Terraform](#) and Helm. Three-year track record running a business-critical integration system on K8s with sub-minute sync cycles, handling cluster upgrades, state management, and incident response. Reduced CI build times by 96% through [Docker](#) layer caching and multi-stage builds. Configured monitoring (Datadog, Sentry), enforced RBAC and namespace isolation, and deployed through [ArgoCD](#)-driven GitOps pipelines. Also delivered the applications running on these platforms — Python/Django backends, Flutter mobile, and Azure-hosted microservices.

Work Experience

Founding Engineer

Apr 2026 – Present

📄 [Maxmove](#) ↗ (EXIST Startup grant by the [BMW](#), PTJ-funded), Cologne

Full-time

↓ [Certificate](#)

- Co-founded an on-demand logistics platform with Max and Christian, running on [AWS EKS](#); provision the cluster, RDS, ECR, and networking with [Terraform](#) as Infrastructure-as-Code and ship through [ArgoCD](#) GitOps, Helm, and GitHub Actions CI/CD
- Built the backend as event-driven Go and TypeScript microservices over [ConnectRPC](#)/gRPC with Protobuf and a NATS message bus, behind a type-safe Bun + [Elysia](#) API (Better Auth multi-tenant orgs, Kysely, PostgreSQL, Redis)
- Shipped [React Native](#) (Expo) customer and driver apps plus Next.js web and ops dashboards, with live GPS tracking, dispatch, pricing, promotions, referrals, and in-app chat
- Integrated Shopify and WooCommerce for checkout-to-delivery booking and Stripe Connect for payments and driver payouts; built internal CRM and admin tools for real-time order tracking and support
- Instrumented [Datadog](#), Sentry, and PostHog observability across infrastructure, errors, and field usage on a multi-tenant, cloud-native platform that moves an order from checkout to delivered

DevOps & Platform Engineer / Product Owner

Feb 2023 – Apr 2026

📄 [Westcode GmbH](#) ↗, Dortmund

Full-time

↓ [Reference letter](#)

- Operated production [Kubernetes](#) clusters (EKS, AKS) over three years; performed minor-version upgrades including API deprecation audits, control plane rollouts, and rolling node group replacements
- Provisioned and maintained cloud infrastructure with [Terraform](#) (EKS clusters, node groups, IAM roles, networking, S3, RDS) using S3+DynamoDB state backend
- Reduced CI [Docker](#) build times by 96% (8 min → 20 sec) through layer caching strategy and multi-stage builds; approach adopted across all company projects
- Configured [Datadog](#) APM across Django services with 5xx and Celery queue depth alerting; integrated Sentry for exception tracking; enforced namespace isolation with RBAC and [ArgoCD](#) GitOps-only production deployments
- Ran a bidirectional ERP sync system (12K customers, 25K products, sub-minute cycles) on Kubernetes for three years; delivered application backends (Django/DRF, Celery, PostgreSQL), a production Flutter mobile app, and a Power Automate solution with Flask microservice on [Azure](#) AKS

DevOps Engineer

Aug - Dec 2022

📄 [Adesso Insurance Solutions GmbH](#) ↗, Dortmund

Full-Time

- Managed [Kubernetes](#) clusters (AKS, EKS) and CI/CD pipelines with GitHub Actions and GitLab CI/CD
- Implemented infrastructure-as-code with [Terraform](#) and Helm; configured [Datadog](#) monitoring and security policies (RBAC, OAuth2, JWT)

Full Stack Developer

Jan 2021 – July 2022

📄 [IITS Consulting GmbH](#) ↗, Dortmund

Working student

- Managed cloud deployments on [AWS](#) using [Terraform](#) for infrastructure provisioning, [ArgoCD](#) for GitOps-driven continuous delivery, and Helm for Kubernetes package management
- Developed backend services in Kotlin integrating SAP One Business Suite and Amagno document management
- Built full-stack web applications with TypeScript frontends and REST API backends; integrated OAuth2/JWT-based authentication

Selected Projects

CI/CD Pipeline Optimization

Docker, Shell, Multi-stage Builds, Layer Caching

Took over a CI pipeline with 8-minute build times. Rewrote shell scripts, restructured Dockerfiles for optimal layer caching, and introduced multi-stage builds. Result: 20-second builds. The approach has since been applied across multiple company projects.

Production Kubernetes Platform

EKS, AKS, Terraform, Helm, ArgoCD, Datadog

Three years operating a multi-service [Kubernetes](#) platform across EKS and AKS. Infrastructure provisioned via [Terraform](#) with S3+DynamoDB state locking. Deployments managed through [ArgoCD](#) with Helm charts. Performed cluster version upgrades with API deprecation audits and rolling node replacements. Namespace isolation and RBAC policies enforced per project, with CI service accounts scoped to their target namespaces only.

Selectline ↔ Shopware ERP Integration (Ops)

Kubernetes, Docker, Celery, Datadog, Sentry

Operated a bidirectional sync between a German ERP system and Shopware 6 webshop on [Kubernetes](#): 25K products, sub-minute sync cycles, >50 orders/day. [Datadog](#) APM for request latency and error rate monitoring; Sentry for exception tracking. Celery queue depth alerting to detect upstream API degradation before it impacts sync reliability.

SVG Threat Detector

Python, XML/AST analysis, Open Source

Detects script injection, XSS payloads, and malicious elements in SVG uploads via XML tree parsing and AST-level analysis of embedded scripts, onload handlers, and href injection vectors.

Education

B.Sc. Computer Science

Oct 2020 – Nov 2025

 [TU Dortmund](#) — Thesis: *Prediction of Human Mobility Patterns in Multiple Cities*. Completed alongside full-time employment.

[↓ Bachelor Certificate](#)

Technical Skills

DevOps & CI/CD: [Kubernetes](#), [Docker](#), [ArgoCD](#), Helm, [Terraform](#), GitHub Actions, GitLab CI/CD, Jenkins, CircleCI, Nginx, Traefik

Cloud: [AWS](#) (ECR, EC2, S3, EKS, Lambda), [Azure](#) (AKS, Entra ID, App Services, VMs), GCP (GKE, Compute, Cloud Functions), Hetzner

Monitoring & Security: [Datadog](#) APM, Sentry, Grafana, Prometheus, ELK Stack, OAuth2, JWT, CORS/CSRF, K8s RBAC, Burp Suite, Kali Linux

Backend: Python, Django, DRF, FastAPI, Flask, Celery, Redis, PostgreSQL, RabbitMQ, MongoDB

Languages: Python, TypeScript, Kotlin, Java (8/11/17), C++20, Go, Dart, Bash

Other: Linux, Git, Ansible, ZeroTier, Playwright, drf-spectacular

Languages

German: C2 **English:** C2

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Dortmund, 16.04.2026

Westcode GmbH

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Work certificate

Mr. Ivan Pushkarev, born on _____ was employed as a working student in the field of software development for our company from 01.02.2023 to 15.04.2026.

Westcode GmbH is an IT service and software company based in Hagen with an office in Dortmund. For small and medium-sized enterprises we create tailored solutions in software and web development and advise on Microsoft 365, cloud, digital transformation and AI - implemented interdisciplinary, from requirements engineering to productive implementation.

The tasks of Mr. Pushkarev essentially included:

- Backend development using Python and the Django framework.
- Development and implementation of AI-assisted tools and automation solutions.
- Creation of interface solutions, including a contact integration for CardDAV as well as Power Automate flows.
- Participation in an internal tool for billing licenses and subscriptions.
- Implementation of end-to-end tests using Playwright for quality assurance.
- Concepts and development of an interface between the ERP system Selectline and the Shop system Shopware.
- Support in app development with Flutter/Dart in various project phases.

Mr. Pushkarev possesses solid expertise and a good grasp, which enabled him to delve into new technical questions. It is particularly worth noting his ability to find pragmatic and rapid solutions even under time pressure.

In daily work he mainly focused on the execution of the individual tasks assigned to him. Mr. Pushkarev was motivated and showed initiative in finding solutions, in particular demonstrating high speed when faced with unforeseen challenges. He completed the tasks assigned to him to our satisfaction.

His conduct towards superiors and colleagues was exemplary at all times.

Managing Director
Philipp Escher
Moritz Pietzschke,
based in Hagen

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0009 0033 3403 11 BIC: GENODEMIHGN

Tax number: 321/5766/0862 VAT ID:
DE310370377 Commercial register
number: HRB10545 Register court:
Hagen

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The employment relationship ends on 15.04.2026 at Mr. Pushkarev's own request. We thank him for the work performed and wish him all the best and much success for his further professional and personal path.

Kind regards

 **Pal**

Westcode GmbH



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Managing
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