

Jack Devlin

Platform Engineer · Site Reliability · Belfast, UK

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PROFILE

Platform and Site Reliability engineer with three years experience on a small platform team, including on-call rotation and incident response. Specialism is the platform layer: CI/CD, self-hosted observability, deployment intelligence. Finishing an MSc at Queen's with a dissertation on machine learning for job scheduling. Long-form case studies at devlinops.com.

EXPERIENCE

Loweconex

Lisburn, UK · Aug 2023 – present

Site Reliability Engineer

Joined as Graduate QA in 2023 and promoted into platform engineering the same year. On-call rotation and incident response. Contractor since September 2025.

- **Heimdall.** Deployment intelligence dashboard answering “where is my ticket right now?”. Surfaces environment drift, PR bottlenecks and DORA metrics by joining data from ArgoCD, Bitbucket, Kubernetes, JIRA and test results. TimescaleDB stores history while an in-memory snapshot keeps pages fast under load. Used daily by 20+ engineers.
- **Sentry.** Internal dashboard answering *is the fleet green?* to rapidly verify deployments and run continuous infrastructure checks. Aggregates ArgoCD PostSync and continuous test runs with per-run Allure links. Platform foundation health (cluster, Kafka, databases, secrets) sits alongside per-service results.
- **Pipeline platform.** Built a Bitbucket Shared Pipelines library for Java and Node, replacing bespoke per-service pipelines. Per-service config is a single `.ci/builds.yaml` with security and Jira gates toggled by environment variables. ArgoCD Image Updater handles promotion separately so build does one thing. Sustains around 400 deploys a month.
- **Self-hosted observability.** Metrics via Prometheus and Thanos, logs in Loki, traces in Tempo and alerts via Alertmanager. Established the developer patterns for OpenTelemetry tracing, structured logging and custom business metrics. Configured exporters for Postgres, Kafka and Redis. Covers ~20 services across four environments with ~25 dashboards and 50+ runbook-backed alerts.

OD3 Engineering

Magherafelt, UK · Aug 2021 – Aug 2022

Software Developer (Industrial Placement)

- Built Tekla Structures API applications and design-platform integrations. Automated structural-design workflows to reduce manual drafting time for in-house architects.

TECHNICAL

Platform: Kubernetes, EKS, ArgoCD (App-of-Apps, Image Updater, Notifications), Helm, Kustomize, Bitbucket Shared Pipelines.

Observability & SRE: Prometheus, Grafana, Loki, Thanos, Tempo, Alertmanager, Promtail, OpenTelemetry, on-call rotation, incident response.

Cloud & IaC: AWS (EKS, Lambda, IAM, VPC, S3), Terraform, AWS CDK, TimescaleDB, PostgreSQL, Kafka, Redis.

Languages: Java, Python, TypeScript, Bash.

PERSONAL PROJECT

Home Automation Platform

- Self-hosted K3s cluster running Home Assistant for IoT device management. Uses Prometheus and Grafana for monitoring alongside energy-management routines for lighting and heating schedules.
- Zigbee mesh over MQTT for stable, scalable device communication.

EDUCATION

Queen's University Belfast

Belfast, UK

MSc Artificial Intelligence (2025 – present) · BSc Computer Science with Industrial Placement (2:1) (2019 – 2023)

- MSc dissertation in progress: *ML for job scheduling*. First-class BSc dissertation: *Predicting Stock Prices Using Deep Learning*.