

Manfred Nilsson

Senior Software/Platform Engineer

nilsson.manfred@gmail.com | 0731512191 | [LinkedIn](#) | [Site](#)

Profile

Started as a backend developer in 2007 — Java, enterprise systems — and spent the last decade moving deeper into Kubernetes, cloud infrastructure, and platform engineering. I apply software engineering discipline to infrastructure, treating platforms as products that enable development teams rather than just keeping the lights on.

I've worked across startup and enterprise contexts, including five years as sole infrastructure owner and COO at Synkzone — where I learned what multi-cloud complexity actually costs you — and have hands-on experience across GCP, AWS, Azure, and OpenStack. Across my career I have repeatedly stepped into architect and lead roles, driving reliability, observability, and automation across the full stack.

Experience

Accelerate @ Iver — Platform Engineer (Consultant)

2025–present · Client: Pilotfish AB

- Migrating a production microservices platform (Spring Boot, Kafka, MariaDB, OpenSearch) from IBM Cloud to AWS; first customer successfully migrated.
- Moved container platform from Docker Swarm to Kubernetes (EKS) as part of the migration.
- Cloud infrastructure built and deployed with CDK (Java)
- Championed and implemented GitOps for Kubernetes using ArgoCD (Google IDP + Cognito).
- Introduced Helm Charts to move configuration into testable, packaged application artifacts.
- Championed reduction of deployment cadence from two weeks to one week, driving cross-team alignment and organization-wide adoption.
- Establishing infrastructure test pipelines to improve release safety and automation (CDK + ArgoCD + Chainsaw).
- Technologies: AWS, EKS, CDK (Java), CloudFormation, Kubernetes, ArgoCD, Helm, Kafka, MariaDB, OpenSearch, Spring Boot, Prometheus, Grafana, Loki, Bash.

Synkzone AB — Developer / COO

2020–2025

- Joined as developer; promoted to COO as platform and operations responsibilities expanded.
- Sole owner of infrastructure for a secure file-sharing SaaS product — designed, built, and operated end-to-end.
- Evolved the platform from manually deployed VPS instances to a Kubernetes-based setup with services across 4 Nordic providers (Glesys, Safespring, Cleura, ElastX), growing from ~10 to ~90 customers and 300+ running services.
- Championed migration to Kubernetes internally — navigating organizational resistance to drive adoption across the team.
- Deliberately limited to Nordic providers for data sovereignty and GDPR compliance — requiring self-hosted replacements for managed services typically available on hyperscale clouds.
- Built and operated self-hosted CI/CD tooling in Kubernetes — Gitea, Argo Workflows, Dagger.
- Introduced and operated the full observability stack — Prometheus, Grafana, Loki, AlertManager — covering metrics, logging, alerting, and incident response.
- Technologies: Kubernetes, Terraform, Ansible, ArgoCD, Argo Workflows, Dagger, Quarkus, Svelte, OpenStack, Prometheus, Grafana, Loki, AlertManager, Harbor, Docker Registry, Trivy, Kubescape, Nmap, SBOM, Velero, Gradle, Kustomize, Terragrunt, Bash.

Acorn Technology — Solution Architect (Consultant)

2019–2020 · Client: Wireless Car / Volkswagen (Project Cyclone)

- Served as solution architect on a 6-person consulting team (SM, PO, 4 devs) commissioned by Volkswagen/Wireless Car.
- Greenfield opportunity — took full ownership of cloud architecture on Azure, pivoting from the original AWS brief, and delivered a microservices platform with CI/CD, high availability, and security compliance from scratch.
- Followed by two shorter engagements for the same team: an Azure IoT platform study and a brief stint at CEVT/Geely.
- Technologies: Git, Gradle, Azure, Spring Boot 2, Kubernetes, ArgoCD, Istio, Prometheus, Redis, Azure IoT, GCP.

Etraveli AB — Developer / Platform Engineer

2015–2019

- Started as a backend developer on large-scale travel booking systems; moved by choice into a newly

formed platform team covering architecture, CI/CD, and incident response.

- As part of the platform team, evaluated multiple different container orchestration options (Kubernetes, Swarm) as the organization explored moving toward cloud infrastructure.
- Initiated and drove running databases in Docker to solve scaling up the number of available test environments.
- Championed and delivered the first microservice (strangler pattern) with a colleague — opening the path away from the legacy monolith.
- Technologies: Java, Bash, AWS, Docker, Vagrant, Spring Boot, GraphQL, OpenStack, Jenkins, Gradle, Prometheus, Grafana.

Gunnebo Cash Automation AB — Developer

2013–2015

- Maintained a full-stack back-office system for cash handling.
- Technologies: Java, XHTML, CSS, JS, JSF, SQL, JDBC, Tomcat, Eclipse.

Ericsson — Developer (*Consultant via Solidbeans AB*)

2011–2013

- Consultant on a large enterprise programme (~100 developers) building and evolving the MSDP (Druitt) platform.
- Participated in the architecture council, focused on API evolution and build tooling standardization.
- Technologies: Java J2EE, Spring, SOAP, SQL, Bash, Linux, Oracle, JBoss.

Mobenga AB — Developer

2010–2011

- Developed a platform for mobile betting.
- Technologies: Java, Spring, Hibernate, REST, SQL, Bash, Linux, PostgreSQL, Tomcat.

Sony Ericsson — Developer (*via AU Systems / Cybercom*)

2007–2010

- Developed device management platform for handset configuration.
- Technologies: Java, Groovy, Spring, Hibernate, Web Services, SQL, Linux, Maven, Subversion.

Education

Lund University, Sweden

Computer Programming, Algorithms, Object-Oriented Modelling, Real-Time Programming, Software Development for Large Systems, Functional Programming, Compiler Technology, Computer Graphics

Other Courses & Conferences - Inhouse – SQL Performance and Tuning (2018) - OpenStack Summit – Berlin (2018) - Jenkins World (2017) - Droidcon NL (2012) - Öredev Developer Conference (2008–2010)

Skills

Cloud & Infrastructure: GCP, AWS, Azure, OpenStack, Kubernetes, EKS, AKS, Terraform, Ansible, CDK, CloudFormation, Terragrunt, Kustomize, GitOps, ArgoCD, Helm, Istio

Observability: Prometheus, Grafana, Loki, Promtail, AlertManager

CI/CD: Jenkins, Gitea, Argo Workflows, Dagger, GitHub Actions, Bitbucket Pipelines, Azure DevOps, Git, Gradle, Maven

Security: Nmap, Kubescape, Trivy, SBOM

Frameworks: Spring Boot, Quarkus

Languages: Java, Python, Bash, Go, SQL, JavaScript

Tools: Docker, Harbor, Kafka, Redis, Vclero, Linux (Ubuntu, Alpine, Wolfi), Vagrant, IntelliJ, Eclipse

Languages Spoken: Swedish (native), English (fluent)