



Nikolai Emil Damm

DEVELOPER EXPERIENCE
ENGINEER

CONTACT

Website
devantler.tech

GitHub
github.com/devantler

LinkedIn
linkedin.com/in/nikolai-emil-damm-14a786150

Location
Funen, Denmark

TECHNICAL SKILLS

Cloud Native

Kubernetes, GitOps (Flux), Cilium, CNCF ecosystem

Platform & DevEx

Self-service via CLI, declarative files, AI assistants, or ClickOps portals (Backstage, Port); multi-tenancy and golden paths

Automation

CI/CD, GitHub Actions, Terraform (IaC), Docker

AI-Assisted Engineering

Agentic coding assistants, AI-driven planning & implementation, and automating chores, fixes, and specified changes to focus on high-impact work

Languages

Go, YAML, TypeScript, Bash, C#/.NET, SQL

Cloud & Operations

Azure, AWS, on-prem operations and monitoring

LANGUAGES

Danish, English

I am a Developer Experience Engineer based in Denmark with an MSc in Software Engineering. I build open-source developer tools, operate Kubernetes platforms, and care deeply about making engineers more effective. My focus is on CNCF technologies, GitOps, and reducing friction in the software delivery lifecycle.

EXPERIENCE

- Developer Experience Engineer** Jun 2025 – Present
TV2, Odense
I improve the developer experience for TV2's product teams — working closely with them to find where they get stuck, and with other enabling teams to keep our tools aligned with the wider organization.
 - In May 2026 the team was renamed from Developer Tooling to Development Platform, as the remit grew past internal tooling to cover running and securing software too.
- Platform Engineer and Open Source Community Facilitator** Nov 2024 – Jun 2025
Energinet, Fredericia · Consultant
Promoted to Consultant and moved to the Platform team in the Infrastructure and Platforms department, where I helped scope, design, and implement a shared Kubernetes platform offering managed single- and multi-tenant clusters across Energinet.
 - Built and ran the Kubernetes platforms, tenancy models, self-service portals, GitOps tooling, and CI/CD pipelines.
 - Operated and monitored on-prem servers.
 - Grew an internal open-source community, hosting meetups, hackathons, and workshops.
 - Championed GitHub Flow, DevOps, cloud-native, and open-source practices.
- Software Engineer and Open Source Community Facilitator** Aug 2023 – Nov 2024
Energinet, Fredericia · Junior Consultant
Part of the Substation Data team in the Innovation department, focused on platform engineering and IT/OT convergence.
 - Built and ran Kubernetes platforms, GitOps tooling, CI/CD pipelines, and IT/OT integrations.
 - Operated and monitored on-prem servers.
 - Grew an internal open-source community, hosting meetups, hackathons, and workshops.
 - Championed GitHub Flow, DevOps, cloud-native, and open-source practices.

EARLIER EXPERIENCE

- Teaching Assistant** Sep 2022 – Aug 2023
University of Southern Denmark, Odense
Teaching assistant in Big Data. Created course material, taught students, and helped them through their exercises.
- Student Software Developer** Jul 2022 – Aug 2023
Umbraco, Odense
Part of the Umbraco Heartcore team, developing and maintaining the Umbraco Heartcore headless CMS — operated in Azure with Infrastructure as Code in Terraform and CI/CD pipelines in Azure DevOps, in a DevOps team focused on automation and monitoring.

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PERSONAL SKILLS

Communication

Public speaking, technical writing,
Danish and English

Collaboration

Cross-team enablement, inner &
open source collaboration,
stakeholder engagement

Leadership

Driving initiatives, open-source
community facilitation, mentoring
and teaching

Mindset

Continuous learning, pragmatism,
ownership, accountability, integrity,
honesty, principled

CERTIFICATIONS & BADGES

GitHub Actions Certification

GitHub

KCD Denmark 2024 Speaker

Credly badge

Cilium: Discovery Platform Engineer

Credly badge

COURSES

Kubernetes for the Absolute Beginners

KodeKloud

Kubernetes and Cloud-Native Associate (KCNA)

KodeKloud

COMMUNITY

VS Code & GitHub Copilot Backstage

Member

Early access to the latest offerings,
testing pre-release features and
giving feedback directly to the
teams behind them.

INTERESTS

Fitness, running, gaming, music,
technology

- Student Software Developer** Nov 2021 – Jul 2022
FiftyTwo, Kolding
Part of the development team for an e-commerce platform, working with .NET Framework, SVN, SQL Server and stored procedures, Kibana, and network monitoring.
- Student Software Developer** Feb 2021 – Nov 2021
Maersk Mc-Kinney Moller Institute, Odense
Sole developer of a web platform used in research projects and course material to map and visualize Business Ecosystems with UML — C# and Blazor WebAssembly, SQL Server and Entity Framework, Azure and GitHub Actions — working closely with researchers and students.
- Teaching Assistant** Sep 2020 – Dec 2020
University of Southern Denmark, Odense
Teaching assistant in Object-Oriented Programming.
- Student Software Developer** Feb 2018 – May 2019
GF Forsikring, Odense
Part of the development team for the GF Forsikring website and landing pages — Sitecore, AngularJS, SQL Server, Git and SVN — working with the Marketing team to quickly create landing pages for campaigns.

EDUCATION

- MSc in Software Engineering** 2023
University of Southern Denmark, Odense
Thesis: “Exploration of State-of-the-Art Technology, Architectures and Tools to Create Future-Proof Data Spaces” — graded 12/12 (top grade).
devantler.tech/pdfs/thesis.pdf

TALKS

- KSail — a tool for creating, maintaining and operating Kubernetes clusters with ease**
KCD Denmark 2024
KSail's public introduction — conceptual explanation and live demos of how it simplifies local development and CI workflows, and lets developers take on cluster operations earlier in the process.
youtu.be/Q-Hfn_-B7p8

OPEN SOURCE

- KSail**
ksail.devantler.tech
Bundles common Kubernetes tooling into a single binary. Create clusters, deploy workloads, and operate GitOps-based cloud-native stacks via CLI, VS Code extension, AI chat TUI, or MCP server.
- Platform**
github.com/devantler-tech/platform
A Flux GitOps-based Kubernetes platform on Talos Linux and Hetzner Cloud — Cilium with the Gateway API, cert-manager, External Secrets with OpenBao, and external-dns.
- Actions & Reusable Workflows**
github.com/devantler-tech/actions
A curated library of GitHub Actions and reusable workflows for Go, .NET, docs, releases, and repository automation.