Nikolai Emil Damm

SENIOR PLATFORM, AI AND DEVEX 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 Senior Platform, AI and DevEx 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

Founder & CEO
From Nov 2026
Devantler Tech, Funen, Denmark

Building and hosting websites, web applications and web services.

Senior Platform, AI and DevEx Engineer
Jun 2025 – Present
TV 2 Denmark, Odense

I improve the developer experience for TV 2 Denmark'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.

Nikolai Emil Damm

SENIOR PLATFORM, AI AND DEVEX ENGINEER

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

devantler.tech
Updated October 2026

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/.github

Composite GitHub Actions and reusable jobs for testing, tool setup, signed publication, releases, and repository automation.