

Oliver Baer

Senior Platform Architekt & DevOps Lead

Lüneburg, Germany | +49 170 230 5888 | oliver.baer@gmail.com | oli.nyxcore.cloud | linkedin.com/in/oliver-baer-0436b753 | github.com/mrwind-up-bird

German - native | English - fluent (business) | Portuguese - good

01 / Executive Profile

Senior engineering and delivery leader with 25+ years of experience taking software and platform changes from approved requirements and technical baselines through build, release, deployment, acceptance and operational handover. Combines hands-on DevOps and architecture expertise with configuration control, documentation, stakeholder alignment and customer-facing accountability across corporate software, medical technology, automotive manufacturing and SaaS.

Experienced in coordinating engineering, security, product and operations stakeholders; establishing repeatable CI/CD and release controls; protecting build and configuration integrity; and supporting audit-ready delivery in ISO 27001, GDPR and other quality-sensitive environments. AI and automation are used as engineering accelerators, not as a substitute for controlled delivery.

02 / Role Alignment

- Release lifecycle ownership - plans, coordinates and governs releases from scope and readiness review through deployment, acceptance and handover.
- Configuration management - controls versioned application, infrastructure, environment and integration settings across delivery stages.
- CI/CD - designs and improves automated build, test, packaging and deployment pipelines using GitHub Actions, containers and cloud platforms.
- Build integrity - applies reproducible build practices, validation gates, artifact checks, security review and rollback readiness.
- Baseline management - establishes approved technical and configuration baselines, controls change and preserves traceability.
- Coordination across engineering teams - aligns dependencies, priorities, risks and release timing across engineering, product, security and operations.
- Documentation - produces architecture records, interface specifications, release notes, operating guidance, audit evidence and handover material.
- Customer acceptance - converts requirements into acceptance criteria, supports demonstrations and validation, and closes delivery with operational stakeholders.
- Stakeholder management - communicates roadmaps, trade-offs, risks and readiness to technical, commercial and executive stakeholders.
- Regulated environment - experience spans Philips Medical Systems, automotive manufacturing, ISO 27001 audit preparation, GDPR and security governance.

03 / Selected Delivery Evidence

- Current advisory work covers deployment pipelines, infrastructure standards, release governance, security documentation and ISO 27001 preparation.
- Founder-led SaaS products require end-to-end ownership of versioning, configuration, build validation, release readiness, production operations and customer feedback.
- Managing-director responsibility in automotive manufacturing established disciplined change control, customer communication, production readiness and acceptance-oriented delivery.

04 / Recent Experience

Senior DevOps, Security & AI Advisor - Clarait GmbH | 03/2026-Present

- Advises on release lifecycle controls, deployment pipelines, infrastructure standards and configuration governance for production platforms.
- Strengthens CI/CD and build integrity by aligning automated delivery with validation, security review, rollback and operational-readiness expectations.
- Produces and reviews technical and security documentation and supports ISO 27001 audit preparation and certification activities.
- Coordinates engineering, security and business stakeholders, translating risks and requirements into implementable release decisions.
- Provides focused AI-architecture guidance for LLM integration, RAG and auditable agent workflows.

Founder & Lead Engineer - nyxcore | 2026-Present

- Owns the product and release lifecycle for a multi-tenant SaaS platform for AI-supported discussions, workflows and knowledge consolidation.
- Controls application, tenant, provider, secret and infrastructure configuration across development and production environments.
- Runs containerised build and deployment flows on Hetzner with Traefik, PostgreSQL, Redis, Prometheus, Grafana and Loki.
- Uses grounding, IPCHA scoring, path checks and build validation as release gates for generated and agent-assisted changes.
- Maintains architecture, integration and operating documentation and turns user feedback into acceptance criteria and release priorities.

Founder & Product Owner - Q-Records Storemanager | 2025-Present

- Owns vision, roadmap, requirements, release priorities and acceptance criteria for a B2B system used by vinyl and second-hand record stores.
- Coordinates integrated inventory, sales, wishlist, recommendation and event-management capabilities across frontend, backend, database and deployment concerns.
- Maintains configurable single-store and optional multi-tenant deployment models using React, Express, PostgreSQL, Redis and Docker.
- Works directly from operator needs to delivery validation, documentation, handover and subsequent release planning.

Study Project Lead - IT & Team Leadership - IU Akademie | 2024

- Led practical IT projects and case studies covering requirements engineering, ERP architecture, business-process modelling and delivery planning.
- Applied agile project-management and team-leadership methods to coordinate scope, responsibilities, documentation and acceptance.

Senior Backend Developer - Hansefit GmbH | 2023-2024

- Extended and maintained the core Pimcore platform and coordinated interfaces between partner portal, finance and sales systems.
- Built a GraphQL/API gateway to replace legacy XML integrations, with clearer versioning, interface contracts and documentation.
- Worked across product and engineering stakeholders to manage dependencies, compatibility and controlled rollout of integration changes.

Senior Developer - Travello GmbH | 2022-2023

- Maintained and optimised core services and public websites and delivered a modern exhibition web application.
- Coordinated release requirements and acceptance with marketing and product stakeholders.

Senior Backend Developer - S-Kon GmbH | 2021-2022

- Re-engineered Go microservices on Google Cloud using Kubernetes and Docker and maintained PHP/MongoDB commerce systems.
- Contributed configuration, deployment and database changes with cross-department code reviews and architecture guidance.
- Redesigned databases for performance and scalability and supported deployment on Kubernetes and App Engine.

05 / Earlier Experience

Managing Director - Druckgassysteme Wittler GmbH | 2014-2020

- Directed daily operations for an automotive manufacturing supplier, balancing customer commitments, production readiness, quality-sensitive processes and internal IT.
- Controlled production changes for prototype and series work, introduced in-house 3D-printing tooling and coordinated quotations, documentation and delivery acceptance.

Senior Software Engineer & Co-Founder - Salome Media GmbH | 2013-2015

- Co-founded and delivered a social-media-monitoring product for international customers in South American markets.
- Combined product ownership, engineering coordination, customer requirements and acceptance-focused delivery.

Senior Software Engineer - Kantar Media GmbH | 2007-2014

- Redesigned the customer portal and migrated analytics systems to MySQL, Apache Solr and Memcached.
- Built automated OCR and translation pipelines and scalable AWS EC2/Solr services for large datasets.
- Supported controlled releases of customer-facing and internal capabilities across legacy and modernised components.

Software Engineer - Surf Media GmbH | 2006-2007

- Maintained billing tools and high-traffic consumer portals and delivered third-party API integrations.

Earlier Roles - Software Developer, Philips Medical Systems; IT Administrator, Druckgassysteme Wittler GmbH | 1998-2008

- Built early software and infrastructure experience in medical technology, corporate engineering and manufacturing operations.

06 / Role-Relevant Toolkit

Release, Build & Platform: Git and GitHub Actions; Docker and Compose; Kubernetes; Traefik; Linux; Hetzner Cloud; AWS; Google Cloud; Vercel; Prometheus; Grafana; Loki.

Configuration, Architecture & Data: PostgreSQL; Redis; Prisma; TypeORM; pgvector; Apache Solr; REST; GraphQL; tRPC; API gateways; multi-tenant systems; versioned interfaces.

Engineering: TypeScript; Python; Go; PHP; C/C++; Rust; React; Next.js; FastAPI; microservices and modular monoliths.

Governance & Delivery: ISO 27001 audit preparation; GDPR; audit trails; threat modelling; requirements engineering; release documentation; Scrum; Kanban; Lean; roadmaps; code review and mentoring.

AI & Automation: LLM integration; MCP; RAG and hybrid search; agent workflows; grounding and verification; AI activity audit logging.