

Andrew Kluthe

ENGINEERING MANAGER & TECHNICAL LEAD — INTEGRATIONS & PLATFORM

Carlinville, IL · andrew@ctech.me · 217-710-5068

SUMMARY

Engineering manager and hands-on technical lead with 16+ years building and modernizing enterprise software, currently leading integration delivery for Anheuser-Busch's North America SAP S/4HANA program. Takes legacy systems to cloud-native platforms, sets engineering standards that scale across globally distributed teams, and grows engineers into leads — from a React rebuild shipped to all 12 U.S. macrobreweries to a 10+ integration portfolio, plus AI-assisted spec-to-code delivery tooling. Comfortable owning architecture, delivery, and people.

EXPERIENCE

Anheuser-Busch InBev

Jul 2022 - Present

St. Louis, MO

Zone Integrations Lead, SAP Aurora Program (Engineering Manager)

Feb 2026 - Present

- Lead integration delivery for the SAP Canada rollout within Anheuser-Busch's North America SAP S/4HANA program (Aurora) — owning the technical scope end to end: integration architecture, interface and data-contract design, and the build/deploy runtime across the portfolio.
- Built AI-assisted planning tooling — custom skills and agent-driven workflows — that converts sprawling, ambiguous SAP requirements into structured specs and Azure DevOps work items, compressing the requirements-to-backlog loop.
- Lead engineering across 10+ concurrent integrations connecting SAP S/4HANA to Salesforce, SAP ECC, and internal brewing data platforms.
- Coordinate across global SAP blueprint teams, regional business stakeholders, platform engineering, and vendor delivery partners — defining data contracts and resolving cross-team scope disputes to unblock stalled epics.
- Architected the program's major integration workstreams: a Salesforce ↔ SAP procurement bridge, an S/4 → legacy ECC work-order bridge, and a multi-consumer Stock Transfer Order orchestrator feeding six downstream systems.
- Built a Camel K CI/CD pipeline (GitHub Actions, Kustomize, Argo CD GitOps) that decoupled build from deploy and became the regional deployment blueprint for every new integration.
- Authored architecture decision records and ran an internal hackathon — turning one-off decisions into repeatable standards and lasting team capability.

Sub-Guild Lead, Integrations & Adapters (Engineering Manager)

Mar 2024 - Feb 2026

- Named a Top Performer for 2025 achievements leading the integration practice, recognized in the company's early-2026 reward cycle.
- Led a globally distributed engineering team across Germany, Florida, and Brazil; developed the careers of several direct reports, including promoting one into a senior role.
- Stepped up to lead the Integrations & Adapters sub-guild — the region's backend-services and integration guild — and built it into a standing integration practice.
- Delivered the team's roadmap ahead of schedule and redeployed that capacity to rescue at-risk projects across the region — stepping in to lead frontend development directly and bring stalled work back on target.
- Instrumented services with OpenTelemetry into Datadog and established a distributed-tracing standard across .NET, TypeScript, and Python runtimes, catching performance issues before they reached users.

Tech Lead, Supply App Modernization (Engineering Manager)

Mar 2023 - Mar 2024

- Stepped into the technical lead role on a clean handoff when the previous lead transitioned, taking on a globally distributed, cross-functional team of consultants and full-time Anheuser-Busch employees — developers and non-developers across time zones — and keeping it cohesive and shipping.
- Owned the database design, API architecture, and service contracts for the brewery-floor modernization portfolio (.NET/C#, CQRS via MediatR, PostgreSQL) on Azure Container Apps behind Azure API Management.
- Led the rebuild of Brewing Recipes from a legacy VB6/Oracle application into a cloud-native PostgreSQL + .NET + React platform; launched across all 12 U.S. macrobreweries, standardizing recipe operations nationally and earning a +89 user-satisfaction score in post-launch adoption surveys.
- Established testing standards (Jest + React Testing Library for UI unit tests, Playwright for end-to-end, k6 for API end-to-end tests) and engineering patterns adopted as team defaults — vertical-slice APIs and OpenAPI code generation.
- Built monitoring into the development process and sprint rituals as a proactive quality practice, catching issues before users reported them.
- Stayed hands-on as a working lead — contributing code and reviewing across 250+ PRs while mentoring the team.

Senior Software Engineer, NAZ TechOps Engineering

Jul 2022 - Mar 2023

- Built complex React/TypeScript frontends leveraging ag-Grid to drive intricate data-processing workflows wired to an event-driven backend; rebuilt the enterprise pricing-management experience and unblocked a multi-year feature backlog the legacy app couldn't support.
- Set the complex-grid standard later adopted across the NAZ engineering org.
- Established the React microfrontend monorepo and shared component foundation that let the Supply Apps modernization team ship new applications rapidly on a consistent UI.
- Shipped an internationalized, multi-zone "Brewing Specials" React platform (Azure AD/MSAL role-based access, feature flags, search, translations) replacing legacy special-brew workflows.

Senior Full Stack Engineer

Jul 2021 - Jul 2022

Dometic Marine (formerly SeaStar Solutions) · Litchfield, IL

- Architected and built the company's first direct-to-consumer commerce platform (Dynamics 365 + Episerver/Optimizely), integrating it through Dell Boomi to the legacy ERP and warehousing systems for end-to-end fulfillment.
- Built an embeddable React/ParcelJS parts finder that retail customers could customize and drop into their own sites.
- Designed the backend and APIs powering a React Native mobile app and an ESP32 embedded software platform.
- Led the team's transition to agile (two-week sprints) across local, remote, and outsourced developers; also served as PM/Scrum Master for other teams.

Application Developer

Mar 2018 - Jul 2021

LRS Web Solutions · Springfield, IL

- Owned the end-to-end design and build of a large recycling plant's operational systems — purchase-order, finished-goods sales, and warehouse-operations modules integrated with the existing accounting system — to streamline production.
- Designed and built a customer-facing loan-payment platform for a regional bank and online payment portals for enterprise clients — customer-facing payment systems in production.
- Led the replacement of a legacy database system for a statewide organization, and owned ongoing development of LRS's proprietary CMS.

Software Engineer & .NET Team Lead

Oct 2014 - Mar 2018

SeaStar Solutions · Litchfield, IL

- Acted as the team's de-facto .NET lead — ran a four-person team in a fast-paced manufacturing environment and brought the company's legacy Visual FoxPro developers onto modern .NET/C# through training and hands-on mentoring.
- Designed and built a next-generation warehouse management system from the ground up, guiding pickers along an optimized pick path in a new random-stow warehouse.
- Rebuilt and launched a customer loyalty program from nothing after the previous vendor abruptly went out of business.
- Built a customer-facing web app helping customers worldwide look up marine parts and engines across manufacturers, plus a product CMS powering print catalogs and online lookup tools.
- Implemented a multi-location SAML SSO intranet, tuned SQL Server to resolve concurrency in the high-volume WMS, and hardened web infrastructure with reverse proxies and redundancy.

Web Developer

Nov 2013 - Oct 2014

Fastrans Logistics · St. Louis, MO

- Maintained legacy PHP/ColdFusion applications and built integration libraries for a variety of shipping and freight carriers.

Developer

Jun 2012 - Jan 2014

Spirit Farms · Sheridan, IL

- Built a grain-tracking and management system (field → terminal → payment reconciliation), a Node.js REST API for a truck scale, field-services and RFID time-clock apps with mobile clients, and a MongoDB cluster with a REST API and BI reporting.

Developer

Jan 2010 - Jul 2012

RJD Farms · Carlinville, IL

- Engineered a subscription-based lease-management system (farm, machinery, and grain-storage leases) with Stripe billing and harvest reporting.

SKILLS

Languages & Frameworks: C# / .NET, TypeScript, React, Node.js, Python, Java, Apache Camel / Camel K

Data: PostgreSQL, SQL Server, MongoDB

Cloud & DevOps: Azure (Container Apps, AKS, API Management), GitHub Actions, Argo CD, OpenTelemetry, Datadog

Enterprise Systems: SAP S/4HANA, Salesforce

PROJECTS

Resume & Portfolio Platform

github.com/akluth/open-portfolio

An intentionally over-engineered, open-source resume CMS built as a portfolio piece to demonstrate full-stack and platform engineering.

- .NET 9 Minimal API + Next.js/TypeScript + PostgreSQL + Clerk auth, in a monorepo with feature flags and CI.
- Master work-history content with a per-role tailoring layer, a live shareable URL, and Typst → PDF export.
- Built largely through AI-assisted, agent-driven development (plan → spec → code) — a hands-on testbed for the same workflow I apply to enterprise delivery.
- Hosts this resume.

EDUCATION
