

Adam Fladwood

Senior Software Engineer

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Software engineer with 15+ years of experience, most of it building lending software for banks. One of three engineers who built and ran LendingLink, a loan origination platform used by regional banks with up to \$44B in assets to process more than \$700M in loans a year. Owned the work end to end, from designing features with bank executives to running Kubernetes in production. Strongest at fitting the pieces together: learning how a team works, connecting the systems it depends on and automating the slow, error-prone parts.

EXPERIENCE

Independent Software Engineer | Madison, WI

Aug 2024 – Present

- Building a scheduling and billing application for dance and martial arts studios after a career break, using AI-assisted development tools (Claude Code, Cursor).

LendingLink | Principal Software Engineer, Founding Team

Jan 2014 – Aug 2024

SaaS loan origination platform for multifamily and commercial real estate lending at regional banks.

Product and clients

- Replaced spreadsheet-based underwriting with an end-to-end loan workflow (Spring Boot, Angular), helping clients fund loans 60% faster.
- Worked directly with executives, credit managers and loan officers at each client bank (about 100 users per bank) to design features, write specifications, train users and gather feedback.
- Automated the generation of letters of intent, rate lock agreements, credit memos and commitment letters from each bank's templates, with DocuSign e-signature.
- Designed approval routing that captured a point-in-time snapshot of each deal, so approvers reviewed exactly what was submitted and auditors had a permanent record.
- Helped design the loan sizing and pricing workflow, which compared eligible products side by side and routed pricing exceptions to approvers.
- Built a rules-driven document checklist that adapted to borrower and property type, along with needs letters listing the documents borrowers still owed.
- Built search and reporting on Elasticsearch, including map-based search of loans and appraisal comps, custom dashboards and a REST API that let banks pull data into their own systems.
- Onboarded each new bank: configured its environment and single sign-on, migrated its existing loan data and trained its teams.

Platform, security and operations

- Rebuilt the release process from a 2-hour manual deployment to 15-minute, zero-downtime releases using GitOps (ArgoCD, Terraform) on Azure Kubernetes Service.
- Led SOC 2 Type 2 certification from start to finish: wrote the policies and controls, built the audit trails and managed the third-party audit, opening the door to the company's largest bank contracts.
- Represented the company in bank due diligence, completing security questionnaires and joining vendor-risk reviews with prospective clients.
- Designed the multi-tenant architecture: every bank ran on shared infrastructure with its data kept separate and configured its own products, pricing, covenants, checklists and permissions without code changes.
- Maintained 99.99% uptime with canary releases, autoscaling and an Istio service mesh, and served as the primary on-call engineer for production incidents.
- Set up logging, monitoring and alerting in Sumo Logic and added Snyk dependency scanning to the build pipeline.

Wiredmax | Senior Software Engineer

Oct 2010 – Jan 2014

- Built a client's commercial loan origination platform (C#, ASP.NET MVC, SQL Server), which processed more than \$1B in loans and cut funding times by 30%.
- Redesigned data capture so information entered once carried through the full loan process, reducing duplicate entry by 70%.
- Integrated REIS market data, Xignite rate feeds, a document imaging system and daily data loads from the client's core banking system.
- Led the development team through an early-stage build, introducing code reviews and sprint planning.

ADDITIONAL PROJECTS

- Multi-channel communication platform (email, SMS, CMS) with thousands of active users across 50+ K-12 school districts, including a content filter that flagged at-risk student messages for teachers in real time.
- End-to-end e-commerce and inventory system, built as the sole engineer, covering the storefront, orders, returns and dynamic pricing.

SKILLS

Languages and frameworks: Java, Spring Boot, TypeScript, Angular, C#/.NET, SQL, React, Next.js

Cloud and DevOps: Azure, AWS, Kubernetes, Docker, Istio, Terraform, Ansible, ArgoCD, GitHub Actions, Sumo Logic, Linux

Data: PostgreSQL, SQL Server, Elasticsearch, Redis, RabbitMQ

Security: SOC 2 Type 2, OIDC/OAuth, single sign-on, Snyk

EDUCATION

Gateway Technical College, Kenosha, WI | Web Application Development