

Pearl Latteier

Software Engineer & Engineering Leader

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PROFESSIONAL SUMMARY

Software engineer and engineering leader with 15 years of experience, a PhD in communication, and a track record in HealthTech and SaaS. Energized by building internal tools—for developers, clinicians, care coordinators, or business teams—that remove friction and let people do mission-critical work well. Skilled at translating complex technical trade-offs, regulatory requirements (HIPAA, WCAG), and cross-team dependencies into tools people actually adopt.

PROFESSIONAL EXPERIENCE

Senior Full-Stack Engineer, Technical Writing | GitLab | remote | May 2025 – Jun 2026

- **DevEx & Tooling Architecture:** Unstuck a 6-year-old platform issue by designing a centralized NPM package and CI distribution pipeline for internal linting rules across 6+ repositories, eliminating a half-day manual update process.
- **Platform Migration & Workflow Design:** Migrated 36 historical release posts (400+ YAML files) to the docs site using a Claude Code-assisted Go transformation tool, and designed a Hugo leaf-bundle workflow that eliminated writer merge conflicts.
- **Automation & AI Readiness:** Partnered with documentation leadership to define requirements for an 11ms .txt file; built a CI job to auto-generate the file on every build, to keep it up-to-date without manual maintenance.
- **Cross-Team Platform Integration:** Coordinated across teams to integrate CLI documentation into the primary docs platform, making CLI docs easier to discover and unifying the developer experience.

Engineering Manager | Vercel | remote | Jun 2022 – May 2024

- **Internal Tooling & Risk Reduction:** Led a 3-person team to overhaul Vercel's internal admin app; conducted stakeholder discovery across Customer Success, Sales, and Trust & Safety to uncover critical data exposure risks, defined a prioritized roadmap using Linear, and contributed audit logging and scoped API endpoints to replace broad customer account impersonation with logged, RBAC-gated access.
- **SaaS Product Delivery:** Led a 7-person cross-functional team (engineers, designer, tech lead) through the launch of Vercel's Conformance product, exceeding its ARR target by 20% (\$300K+) within six months.
- **Ambiguity & Team Alignment:** Shielded the team from executive go-to-market debate by bringing in Sales Engineering to clarify buyer needs and focusing development on core product value, preventing team thrash and maintaining steady execution.

Manager of Front-End Engineering | Propeller Health | Madison, WI | Dec 2020 – Jun 2022

- **Engineering Standards & Rigor:** Drove organization-wide adoption of automated testing methodologies, accessibility guidelines, and coding standards tailored to regulated digital health requirements.
- **Engineering Hiring Standardization:** Partnered with People Operations and engineering leads to redesign the technical interview process, creating standardized question rubrics across teams to ensure fairer, more consistent candidate evaluations.

Senior Front-End Engineer | Propeller Health | Madison, WI | Feb 2019 – Dec 2020

- **Internal Tooling for Non-Technical Teams:** Independently built an internal web app that generated synthetic patient profiles matching user-specified criteria, letting Product and Sales teams experience the mobile app as different types of patients would, without touching real patient data.
- **Compliance Program Delivery:** Managed the end-to-end technical remediation of the patient-enrollment platform to achieve full WCAG 2.1 Level A compliance, navigating strict health-data standards and expanding enterprise business eligibility. Tracked remediation work in Jira to maintain a clear audit trail against compliance requirements.
- **Technical Communication:** Conducted technical workshops on web accessibility, technical debt reduction, and system performance to align non-technical stakeholders and engineering peers.

Senior Developer | Bendyworks | Madison, WI | Feb 2016 – Jan 2019

- **Stakeholder Alignment:** Translated ambiguous business challenges into actionable technical scope for clients including American Family Insurance, Johnson Controls, and IBM Blue Box across multiple concurrent engagements.
- **Scope & Risk Management:** Led technical discovery, user-story mapping, and risk assessment; earned stakeholder trust to navigate trade-offs and push back against non-viable architectural requests.
- **Industry Thought Leadership:** Authored 16 technical articles and delivered 50+ conference presentations on web architecture, performance optimization, and accessibility standards.

EDUCATION

- **PhD, Communication Arts** | University of Wisconsin–Madison
- **BA, General Studies in the Humanities** | University of Chicago

CERTIFICATIONS & TECHNICAL COMMUNITY

- Google Project Management Certificate (Earned August 2026)
- Google Developer Expert, Web Technologies (2017–2020)
- Co-organizer, Google Developer Group Madison & DevFest Wisconsin (2017–2020)