

RYAN LOWE

Engineering Leader | AI-First Teams | Ideation to Production

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SUMMARY

Engineering leader with 7+ years owning the full technical lifecycle for a healthcare platform serving 30,000+ daily users. Led a team of 3–6 engineers through everything from infrastructure and CI/CD through application architecture to production monitoring. Transformed deployment from weekly manual releases to continuous delivery and drove significant infrastructure cost reductions. Most recently, built production agentic development pipelines (Claude Code, Linear MCP, custom tooling) that enabled a lean 2-person team to maintain full feature delivery across the platform. Looking to build and lead an engineering organization at a startup where AI-augmented workflows are a core part of how the team ships.

TECHNICAL SKILLS

Languages & Frameworks	TypeScript, JavaScript, Node.js, React, Next.js, Hono, Tailwind CSS
Data & APIs	PostgreSQL, Redis, Drizzle ORM, Zod, TanStack Query, OpenAPI, REST
Infrastructure & DevOps	Terraform, Azure DevOps, AWS (EKS, Fargate, Lambda), Docker, CI/CD pipeline design
AI & Agentic Tooling	Claude Code (skills, sub-agents, slash commands, agent swarms, MCP), Aider, GitHub Copilot, Linear MCP, Playwright MCP, Neo4j MCP, headless pipelines

EXPERIENCE

Stealth Fintech Startup | Remote

Senior Fullstack Engineer

December 2025 – January 2026

- Built a headless agentic development pipeline on Claude Code: Linear ticket intake via MCP, automated context gathering with domain memory agents and GitHub spec kit, TDD coding loops with self-healing retries, local security scanning (Snyk, Gitleaks), static analysis, atomic commits, and PR creation via gh CLI
- Leveraged Claude Code sub-agents and custom slash commands to parallelize development tasks, and integrated the newly released skills feature into the pipeline as it shipped during the engagement
- Shipped production features through the pipeline end-to-end within the first two weeks on the job

Hugo Health | Remote

Tech Lead, Product Engineering

May 2018 – November 2025 (promoted from SWE I → SWE III → Tech Lead)

- Owned full engineering lifecycle for Hugo Connect: Terraform infrastructure, Azure DevOps CI/CD pipelines, Node.js/Next.js/React application, and PostgreSQL data layer serving 30,000+ active users across multiple healthcare organizations
- Led team of 3–6 engineers; ran hiring process, onboarded new engineers, created performance review frameworks, and set the technical direction for the platform
- Transformed deployment from weekly manual releases to continuous delivery: automated the pipeline
- Architected distributed EHR integration system using AWS Fargate with headless browser containers and IP rotation for patient-authorized health record retrieval across Epic, Cerner, and other EHR platforms. Became a core revenue driver for the business
- Designed dynamic branching survey system with visual builder, custom prescription lookups, interactive body maps, and complex conditional logic, used by multiple healthcare organizations
- Cut AWS costs through EKS cluster consolidation and Fargate optimization; reduced Docker image sizes by 80%, directly speeding up the deployment feedback loop
- Championed AI-assisted development across the organization: evolved the team from Copilot line completions through Aider (VS Code) to headless Claude Code workflows, building agentic pipelines covering issue parsing, TDD loops, security scanning, and automated PR creation
- Agentic workflows enabled a 2-person team to maintain the same feature delivery pace that previously required the full 6-person team

Stripe | Remote

Full Stack Engineer (Contract)

March 2018 – May 2018

- Developed reusable component library with flexible base input templates for Stripe’s payment processing interfaces

Technology Management & IT Leadership | 2013–2017

Salesforce Developer / Technology Manager — International Living Future Institute

Salesforce Developer / IT Manager — Phillips Contracting Inc.

Senior Salesforce Developer — Saint Leo University

IT Manager — Lumenal Lighting

- Owned all technology operations across multiple organizations: cloud migrations, systems administration, and custom Salesforce development (Apex, Lightning Components)
- Managed technology budgets, vendor relationships, and IT project timelines across organizations ranging from nonprofits to construction firms

Systems & Network Administration | 2005–2013

Vesta Property Services • CR Techs • Englewood On-line • Microtek

- IT support, systems administration, and network management across multiple organizations, specializing in hardware troubleshooting and infrastructure support

PROJECTS

phytertek.com | [Portfolio Site + Agentic Development Tooling](#)

- Evolved personal agentic workflow into a 13-skill pipeline with agent swarms: parallel context gathering (4 specialist agents), parallel task execution groups, TDD coding loops, 5-agent quality gate swarms (security, performance, test coverage, code quality, docs), pipeline state management for resumability, and categorized failure recovery
- Built portfolio site (Next.js, React, Tailwind, shadcn/ui) with AI chat agent, job fit analyzer, admin workbench for prompt refinement and testing, and a technical blog on agentic development
- Used Playwright MCP for automated testing and frontend development, Neo4j memory MCP for persistent context across sessions

TTS CLI | github.com/phyter1/tts-cli

- Cross-platform text-to-speech CLI supporting 200+ voices across 100+ languages with adjustable rate and pitch, standalone executables for macOS, Linux, and Windows
- Enterprise security scanning pipeline: CodeQL, Semgrep, Snyk, OWASP, and Trivy