

Gary Taylor

Software systems & process improvement

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Informatics-trained product builder with experience in web applications, API integrations, and regulated manufacturing. Combines human-centered design, technical troubleshooting, and clear documentation to improve how people work.

EXPERIENCE

Founder

LayerLane

May 2025 – Present

- Build web applications with TypeScript, JavaScript, React, Next.js, SQL, and Supabase across product design, implementation, troubleshooting, and deployment.
- Develop API integrations and CRM workflows; use ChatGPT and Codex for AI-assisted development and deploy with Vercel, Railway, and Supabase.

Manufacturing Engineer

Goodwill Commercial Services (supporting Cook Medical)

Aug 2024 – May 2025

- Created and revised SOPs, photographic work instructions, and preventive-maintenance documentation in an ISO 13485 environment.
- Coordinated design transfers, BOMs, equipment requirements, and operator training; used production data, time studies, and floor observation to identify process bottlenecks.

Undergraduate Instructor

Indiana University Luddy School

Aug 2023 – May 2024

- Taught Arduino, circuit design, and hands-on prototyping; explained technical concepts and gave structured feedback on student projects.

SELECTED SYSTEMS

Career HQ

Personal application-management platform

Connects job discovery, tailored documents, application history, and receipt-based tracking. Includes a read-only Gmail synchronization integration.

<https://www.gary-taylor.com/projects/career-hq>

Financial Insights Engine

Senior capstone

Combined Plaid banking data, financial analytics, NLP, and a conversational interface in a full-stack senior capstone.

<https://www.gary-taylor.com/projects/ai-powered-financial-insights-engine>

EDUCATION

Indiana University

B.S. Informatics, Human-Centered Computing

June 2024

SKILLS

Development: TypeScript, JavaScript, React, Next.js, SQL, Supabase, API integration, Git; academic Python.

Systems & operations: Technical troubleshooting, documentation, operator training, time studies, process improvement; Vercel and Railway deployment.