Ron Lenser

AI First Engineer | Workflow Automation

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Builds AI applications and automates business workflows, with software delivered for 15+ clients. Uses AI coding tools to develop integrations, test changes and deploy working systems. Project work includes access controls, encrypted messaging and checks on answers generated by AI. Seeking AI engineering and automation roles focused on security and compliance workflows.

TECHNICAL SKILLS

AI and automation: RAG, prompt engineering, MCP, Claude and OpenAI APIs, GoHighLevel, CRM workflows.

Development: Python, TypeScript/JavaScript, PHP, HTML/CSS, FastAPI, REST APIs, SQL, PostgreSQL/pgvector.

Controls and testing: Access controls, citation verification, rate limits, LLM budget controls, pytest, GitHub Actions.

Tools and deployment: Claude Code, Cursor, ChatGPT, Git/GitHub, Docker, Google Cloud Run, Vercel, Supabase.

TECHNICAL EXPERIENCE

Helix Research Technologies | Cofounder Sep 2026 to Present

- Lead technical development for an AI automation agency with three founders, building an operations bot, lead research pipeline and CRM workflows.
- Designed an operations bot connecting Discord, GoHighLevel and GitHub through a serverless backend. Routed code changes through branches and pull requests and automated deployment.
- Built a lead research workflow covering four stages, including contact verification, scoring and CRM import. Its first run delivered 45 leads with verified phone numbers.

Ron Lenser Digital | Founder and Developer Jun 2025 to Present

- Delivered websites, online stores, web applications and a WordPress learning platform for 15+ clients. Own requirements, proposals, development, deployment and client handoff.
- Built a custom PHP certificate engine and course progression controls for Templar College, including access exceptions based on user roles.
- Restored access to a course by identifying a conflict between duplicate functions and validating the fix as the affected user. Manage client deployments, DNS and SSL configuration.

SELECTED PROJECTS

Grounded | RAG Knowledge Assistant

- Built and deployed an application that answers questions using uploaded documents with Python, FastAPI and PostgreSQL/pgvector. Combines keyword and vector search, checks citations and declines unsupported questions.
- Added 250+ automated tests, a retrieval evaluation with 33 questions, rate limits and LLM budget controls. Set up GitHub Actions checks and deployed to Google Cloud Run with Docker.

CIPHER_ | Encrypted Messaging Application

- Built web and Windows applications with Next.js, Supabase and Tauri. Added encryption from sender to recipient, groups joined by invitation code, a lock screen and a vault using AES encryption in GCM mode.

CERTIFICATIONS AND PROFESSIONAL LEARNING

Google Cloud Certified: Generative AI Leader | Google Cloud | Oct 2026
Google AI Professional Certificate | Google | Oct 2026
Generative AI Automation Specialization | Vanderbilt University | Oct 2026
Microsoft 365 with Generative AI | Microsoft

EDUCATION

Stafford Senior High School | High School Diploma | 2024