

Justin Conner

Full-Stack & Agentic-AI Engineer

St. Louis, MO · 636-439-3121 · ohmlotusphoenix@gmail.com
github.com/Justin-Conner · linkedin.com/in/justin-conner-816337224 · webexamples.pro

PROFESSIONAL SUMMARY

Full-stack engineer and founder of Ohm Lotus Phoenix (IT Solutions) with a database-engineering background (ex-US Bank DBA) and active specialization in **agentic AI**. I design and ship production .NET 8 / Angular / MongoDB systems and build **multi-agent CrewAI pipelines** end to end — from orchestration architecture through human-review dashboards. Currently completing an IBEW electrical apprenticeship, which keeps me sharp on systems thinking, safety, and execution under real-world constraints. I build for autonomy: my own publishing and marketing pipelines run on agentic workflows I architect and maintain.

CORE TECHNICAL SKILLS

- **Languages:** C# (.NET 8), Python, TypeScript, JavaScript, SQL (T-SQL), PL/SQL
- **Frontend:** Angular, HTML5, CSS3, Bootstrap, Three.js
- **Backend / APIs:** ASP.NET Core Web API, Node.js, RESTful design, Spring Boot (prior)
- **Data:** Microsoft SQL Server, MongoDB, Oracle, SSRS, ETL (Oracle→Netezza), stored procedures
- **AI / Agentic:** CrewAI (hierarchical multi-agent), Claude API, Make.com automation, prompt architecture, RAG-ready document pipelines, xUnit / unit testing
- **Dev / Ops:** Git/GitHub, SCRUM, CI discipline, Heroku, static-site deployment
- **Hardware / Maker:** Arduino (C++), Cisco switch automation (Python/shell), Blender & UE5 (Python), Crealty K2 Pro 3D printing

PROFESSIONAL EXPERIENCE

Founder — Ohm Lotus Phoenix (IT Solutions)

St. Louis, MO · 2024–Present

- Architected and built the **Lotus Press Marketing Pipeline**: a hierarchical 5-agent CrewAI system (Strategist, Repurposing, Brand Guardian, Compiler, Meta-Synthesis) on a .NET 8 backend with MongoDB persistence and an Angular human-review dashboard.
- Engineered editorial CrewAI crews that processed a 3,200+ paragraph manuscript for KDP/IngramSpark submission (compliance + pacing), cutting manual editing cycles dramatically.
- Designed cost-optimized agent tiers (haiku-class models for formatting/compliance sub-tasks) to reduce API spend while preserving output quality.
- Own full self-publishing pipeline: Python formatting scripts, 300-DPI infographic generation (Pillow), ISBN/barcode generation, IngramSpark margin calibration.

ETL Developer / Database Administrator — US Bancorp

St. Louis, MO · 2018–2019

- Designed ETL workflow and mapping for deployments; built SSRS metadata reporting on high-query tables; executed cross-platform data migration (Oracle → Netezza).

Contract Coordinator / Data Analyst — multiple St. Louis engagements

2016–2018

- ETL from legacy systems (Novatus VMS); VBA email-verification automation; Excel data-cleansing workbooks; R-Studio gap-analysis reporting; executive dashboard design (SharePoint/Access).

Delivery Driver — Uber

St. Louis, MO · 2017–Present (flexible income during transition)

EDUCATION & TRAINING

- **LaunchCode** (lc101) — full-stack web development, Angular/.NET track
- **Webster University** — Business Intelligence Technologies coursework (SQL, data mining, statistical analysis, forecasting)
- **Generation USA** — full-stack junior web dev boot camp (640+ hrs) — *early foundation; since superseded by production work above*

VENTURES & AUTHOR (OM LOTUS)

Separate from employed roles — listed to show autonomous execution and IP creation.

- **Author, *The Last Diet: The 4D Method*** (Lotus Press; foreword by Serron Roberts, MS RD CDCES; KDP/IngramSpark). Built the agentic pipeline that produced it.
- **Inventor, USPTO provisional patent #64/051,829** (priority Apr 28, 2026) — GodPod/Vessel Project: mirror-induced perception research (Caputo Effect), human-occupiable mirrored dodecahedron with RGB LED edge-lighting and binaural audio.
- **Creator, Tetrahedral Glyph System** — base-36 symbolic language from tetrahedral geometry and Sonobe origami (256 permutations; GitHub: Justin-Conner/Secrets).
- **Maker** — Crealty K2 Pro 3D printing (multiple dodecahedron prototypes), Arduino timing systems, Cisco network automation.

References available on request.