

# Jared Lemler

Granger, IN · Self-Taught Backend Developer · Electrician → Engineer  
[jared@jaredlemmler.com](mailto:jared@jaredlemmler.com) | [linkedin.com/in/jaredlemmler/](https://linkedin.com/in/jaredlemmler/) | [github.com/JL037](https://github.com/JL037)

## Summary

Self-taught backend developer with a strong foundation in Python, API development, and relational database design. Transitioned from a skilled trades background by building and deploying real-world applications using FastAPI, PostgreSQL, and Docker. Passionate about learning deeply, solving problems, and writing secure, tested code. Currently building two full-stack applications: a Travel Wishlist app and an Animal Health Tracker micro-SaaS.

## Technical Skills

Languages: Python, SQL, Bash

Frameworks/Libraries: FastAPI, SQLAlchemy 2.0, Django (basic familiarity)

Databases: PostgreSQL, SQLite

Tools: Docker, Alembic, Git, GitHub, JWT, pytest, basic AWS(EC2, Elastic Beanstalk, S3)

Comfortable with Linux/Ubuntu workflows via Docker & terminal tools

Other: REST APIs, OAuth2, CI/CD (CodeQL, Gitleaks)

## Projects

- Backend Developer (Self-Employed) — Jan 2025 – Present
  - Participated in a backend mentorship program (CodeBreakthrough) with weekly sessions on API architecture, system design, data structures and algorithms, Docker, auth flows, deployment, and advanced testing. Built real-world projects under guidance and applied best practices throughout.

- Built full CRUD APIs with FastAPI, PostgreSQL, and SQLAlchemy 2.0

- Secured endpoints with OAuth2 and JWT authentication

- Managed migrations with Alembic and wrote tests with pytest

- Containerized environments using Docker and GitHub version control

- Travel Wishlist App – Location-based trip planner with user auth and search filtering

- Animal Health Tracker (PawNode) – Micro-SaaS platform for tracking appointments, medications, and shared access between users

## Learning and Growth

Actively learning React (JavaScript, state management) to build full-stack applications.

Improving Docker usage for cloud deployments and environment replication.

Exploring AWS deployment workflows (EC2, Elastic Beanstalk, S3) for production-ready apps

## Professional Experience

Journeyman Inside Wireman — IBEW 153 · Aug 2023 – Present

- Led electrical diagnostics and installations for large-scale commercial builds

- Applied blueprint analysis, technical precision, and troubleshooting under pressure

Electrician — Wolverine Electrical Contracting · Dec 2021 – Jan 2025

Electrician Apprentice — Gaylor Electric, Inc. · Sep 2017 – Jan 2022

## GitHub / Projects

[github.com/JL037](https://github.com/JL037)

PawNode (Animal Health Tracker) and Travel Wishlist, source available upon request.