

LILLIAN (LILY) BERRY

lily@actulily.com · Thousand Oaks, CA

PROFILE

Full-stack software engineer who designs APIs and platforms and ships product across the stack: polyglot fundamentals in TypeScript, PHP, C#, and Python, depth in event-driven backends, e-commerce and financial-correctness systems, accessibility, and LLM-based agentic AI coding tools.

EXPERIENCE

Loop Returns

Software Engineer

Nov 2022 – Jun 2026

Remote (Thousand Oaks, CA)

- Designed a client-agnostic HATEOAS API for a platform processing roughly 100,000 returns per day, moving policy enforcement server-side; it became the foundation for the portal rewrite and is consumed by clients including TikTok Shop.
- Built Loop's side of a Kafka pipeline consuming millions of shipping events per day, and moved a Shopify order-lookup off REST onto GraphQL to fetch the same data in one or two round trips.
- Shipped features across a Vue.js and Laravel/PHP stack, refactored core financial systems for correctness with on-call and Datadog observability, and exposed the returns API as LLM tools behind a chatbot that walked shoppers through a full return.

Thomson Reuters

Senior Software Development Engineer

Jun 2020 – Nov 2022

Culver City, CA

- Built a homespun Terraform: YAML-defined infrastructure-as-code for cloud, on-premise, and hybrid deployment of legal practice-management tools on Azure Resource Manager and .NET Core.
- Automated CI/CD workflows and system integrations with PowerShell and native Azure services, and owned technical coordination for ISO 27001 and SOC 2 certifications with external security auditors.

PROJECTS

Ampara

Creator & Lead Engineer

Oct 2025 – Present

- Architected and operate a multi-tenant platform end-to-end, in production as a community nonprofit's CRM/CMS: a NestJS/Node backend in TypeScript with DDD, PostgreSQL row-level-security isolation, and an event-driven core with a transactional outbox on BullMQ/Redis.
- Built the Vue 3 + Tailwind frontend with Stripe-backed donations, bilingual English/Spanish i18n and WCAG 2.1 AA accessibility, and ran a 700+ attendee community event on it end to end, taking in over \$15,000 in donations on the day.

SKILLS

- **Languages:** TypeScript/JavaScript, PHP, Python, C#, SQL, GraphQL
- **Backend & Infrastructure:** NestJS, Laravel, .NET Core, PostgreSQL, Redis, Kafka, AWS, Azure
- **Frontend & AI:** Vue 3, Tailwind, WCAG 2.1 AA, i18n; LLM tool-use, agentic coding

EDUCATION

California Lutheran University

Bachelor of Science in Computer Science, Minor in Mathematics

2020

Thousand Oaks, CA

LEADERSHIP & SERVICE

173rd Airborne Brigade, United States Army

Combat Medic & Aid Station Manager

2008 – 2012

Logar, Afghanistan & Schweinfurt, Germany

Unity Conejo

Board Member; Executive Board President since 2025

2024 – Present

Thousand Oaks, CA