

Tobias Perry

tobiasperry01@gmail.com ♦ San Francisco, CA ♦ [linkedin.com/in/tobiasperry/](https://www.linkedin.com/in/tobiasperry/) ♦ github.com/TobiasPerry ♦ (415) 298-7455
US Citizen

WORK EXPERIENCE

Pluscargo

Software Engineer (Contract)

January 2026 – Present

San Francisco, California

- Built an onboarding platform for logistics sales teams using React + NestJS, delivering interactive training software that replaced 2 weeks of manual shadowing.
- Built backend systems and internal tools that automated operational workflows through knowledge retrieval, document generation, and API integrations.

Tecla Academy AI

Backend & AI Engineer

May 2025 – January 2026

CDMX, Mexico (Remote)

- Architected and scaled a high-traffic NestJS + PostgreSQL backend serving 10k+ students, reducing API latency by 35% and supporting 3× peak load.
- Deployed and scaled containerized services on Azure; automated CI/CD with GitHub Actions, cutting release times by 60% and improving deployment reliability.
- Rebuilt core backend services and infrastructure during a company-wide product transition, improving platform reliability, internal developer workflows, and long-term scalability.

EDUCATION

Instituto Tecnológico de Buenos Aires (ITBA)

BS/MS, Computer Engineering & Software Architecture

August 2025

Buenos Aires, Argentina

- Relevant Coursework: Software Architecture, DevOps, Data Science, Backend Development, Statistics, AI Systems.
- Top 10% of the engineering class, 3.5/4.0 GPA

RELEVANT PROJECTS

[Nutrisense](#) – AI-Driven Nutritional Platform

August 2025

- Built an end-to-end AI nutritional assistant with NestJS, PostgreSQL, Redis, React, and OpenAI.
- Designed backend services for structured nutritional data, retrieval workflows, and user-facing recommendations.
- Documented the system in a thesis paper that was selected for [university publication](#).

[LendARead2](#) – Cloud Infrastructure Project

June 2024

- Designed and deployed a scalable production environment on AWS using ECS (Fargate), ALB, CloudFront, ECR, and RDS, managed entirely through Terraform.

[FlowScout](#) - Autonomous Web Testing Agent

March 2026

- Built an AI-powered QA platform that autonomously tests web applications, identifies bugs, and converts findings into developer-friendly GitHub issues with actionable context.

SKILLS

Languages: Python, TypeScript/JavaScript, SQL, C, Java

Backend: NestJS, Node.js, FastAPI, PostgreSQL, Redis, MongoDB

AI/Data: OpenAI API, AWS Bedrock, Azure AI Foundry, AI SDK, LangChain, pgvector

Infrastructure: Docker, GitHub Actions, Azure, AWS, Terraform

Frontend: React, Vue