

Phillip Cantu

Full-Stack Web Developer

 thereisphil@gmail.com  480-524-2209  phillipcantu  hereisphil  phillipcantu.com

PROFILE

Experienced in React, Node, Python, and SQL/NoSQL, known for clear communication, adaptability, and strong problem-solving. ESL teacher and Army veteran bringing discipline, teamwork, and user-centric thinking to software engineering. I like to write clean code in TypeScript and build MERN-based web apps with good UI/UX as a focus.

SKILLS

JavaScript | TypeScript | Python | SQL | NoSQL | HTML5 | React.js | Next.js | Node.js | Express.js | Flask | Postgres | MySQL | SQLite | MongoDB | CSS3 | RESTful APIs | JWT Auth | Git | GitHub | AWS | Object-Oriented Programming | AGILE Practices | Tailwind | Bootstrap | Linux | AI Literacy | Clean Code

EDUCATION

Bachelor of Science: Web Development, Full Sail University  10/2024 – Present | REMOTE
Expected graduation December 2026

AI & Data Science, Flatiron School  04/2026 – Present | REMOTE
Expected graduation February 2027

Certificate: Full Stack Development with AI, 4Geeks Academy  08/2025 – 11/2025 | REMOTE

PROFESSIONAL EXPERIENCE

Software Engineer Apprentice → Junior Software Engineer, Hgraph  06/2026 – 09/2026 | REMOTE

- Merged 143+ PRs across 16 different services and packages in under three months, progressing from single-component UI tickets to owning multi-service features end to end.
- Built enterprise SAML single sign-on, an organization security boundary enforced in RLS and the GraphQL layer, JIT user provisioning, an admin provisioning endpoint, and the customer-facing setup guide, covered by 67 integration tests.
- Rebuilt the company's AI agent (**hgraph.ai** ) as a full-stack streaming product: a SSE chat backend, a persistent thread store under RLS, org-scoped spend ceilings, and SS credential isolation so API keys never reach the browser.
- Delivered the customer-facing API usage dashboard from ClickHouse SQL through GraphQL resolvers to the React interface, adding bloom-filter skip indexes and bounded joins so tenant-scoped queries stopped scanning every granule.

Software Engineering Apprentice, Flatiron School  04/2026 – 06/2026 | REMOTE

- Selected for Flatiron's paid apprenticeship; worked on a four-engineer remote team under an industry mentor, with all work delivered through pull-request review.
- Ramped on an unfamiliar production Next.js codebase, then scoped and built new features into it, owning the lesson-planner demo end to end.
- Co-built MatchPoint from scratch, an AI-powered job-matching app (React/TypeScript, FastAPI/Python, OpenAI embeddings, Supabase Postgres). Personally built the backend scaffold, Supabase auth with Google OAuth, and the core database schema and migrations across 10 merged PRs. **Site**  | **Repo** .
- Recruited away by Hgraph two months into the 14-month apprenticeship to join their engineering team.

PROJECTS

App Track – Full-Stack MERN Web Application , *React, TypeScript, Node.js, Express, MongoDB Atlas, Docker, REST APIs*

- A production-deployed full-stack web application that enables users to securely register, and manage personal job-application opportunities through a modern, responsive interface. Frontend: Vercel.com, Backend: Render.com
- Implemented secure user authentication and session management using express-session, MongoDB-backed session storage, and bcrypt password hashing.
 - Built RESTful API endpoints with protected routes, middleware-based authorization, and structured request/response handling.
 - Deployed the backend as a custom Docker image to Render, configuring environment variables, production CORS policies, and proxy-aware session cookies.
 - Applied responsive UI design using Tailwind CSS, ensuring usability across desktop and mobile devices.