

ANTHONY TIJERINA

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PROFESSIONAL SUMMARY

Computer Science student and full-stack developer with hands-on experience shipping production web apps and backend services for real clients — from RESTful APIs and relational databases to React/Next.js interfaces. Seeking a software engineering, web development, or backend-focused internship to bring strong problem-solving skills and full-lifecycle project experience to a collaborative engineering team.

WORK HISTORY

Owner & Lead Developer — Capitol City Tech (Freelance)

Austin, TX | 06/2025 – Current

- Design, build, and ship full-stack web applications for small-business and nonprofit clients using React, Next.js, TypeScript, and TailwindCSS
- Built a custom booking/scheduling system (Prisma, PostgreSQL, Google Calendar API) with real-time availability sync; integrated payment processors and automated recurring backend jobs
- Improved Core Web Vitals and Lighthouse scores across client sites through performance profiling and rendering optimizations
- Own the full client lifecycle — requirements gathering, architecture, development, deployment on Vercel, and post-launch support

PROJECTS

Charity Raffle Management Platform

Next.js · TypeScript · Supabase (Postgres/Auth) · Stripe · TailwindCSS

- Architected a reusable, multi-event SaaS-style platform (not a single-event app) supporting concurrent raffle campaigns, each with its own page and admin controls
- Implemented Stripe payments plus manual payment options, and secured confirmation pages with signed HMAC tokens instead of guessable links
- Designed Postgres Row-Level Security policies and an audit-logged random drawing system for provable fairness
- Built an admin dashboard with role-scoped access, CSV export, and live stats; diagnosed and fixed production auth and RLS recursion bugs

AgencyTax Microservice API

ASP.NET Core · C# · Entity Framework Core · SQL Server

- Built a RESTful microservice with layered architecture (Controller/Service/Repository) to manage agency invoice data
- Implemented input validation, global exception-handling middleware, and structured logging; wrote unit tests with xUnit/Moq and documented endpoints with Swagger

Client Website Development — Multiple Brands

React · Next.js · Framer Motion · GSAP · Three.js · TailwindCSS

- Built animated, production websites for skincare, real-estate investment, and home-renovation clients using GSAP-pinned scroll sequences, Framer Motion animations, and a drag-to-reveal before/after slider
- Modeled a 3D logo in Blender and rendered it live with Three.js for a renovation client; integrated Shopify's checkout API into a custom storefront for an e-commerce skincare brand
- Debugged and resolved scroll-performance issues by eliminating layout-thrashing CSS and offloading transforms to the GPU

SKILLS

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

Frontend: React, Next.js, TailwindCSS, Framer Motion, GSAP

Backend: ASP.NET Core, Node.js, Entity Framework Core, Prisma, REST APIs, Microservices

Databases: SQL Server, PostgreSQL, Supabase

Tools: Git, GitHub, Vercel, VS Code, Visual Studio, Swagger, Stripe API, Sanity CMS, Resend

Concepts: Unit Testing, Dependency Injection, Row-Level Security, SEO & Web Performance

EDUCATION

Texas State University

San Marcos, TX

Bachelor of Science, Computer Science

Minor: Applied Mathematics

Expected 05/2027

Relevant Coursework: Data Structures, Object-Oriented Design & Programming, Software Engineering, Computer Architecture, Discrete Math I & II

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals

(Exam AZ-900)

VOLUNTEER WORK

Christian Life Austin

Community service: school/church painting & landscaping, neighborhood cleanups, homeless outreach, and student ministry supervision