

ANTHONY DOAN

📍 Houston, TX

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🌐 [LinkedIn](#)

🐙 [GitHub](#)

🌐 [Website](#)

IT professional with Computer Science degree and proven automation development experience. Successfully designed and deployed enterprise automation solutions that reduced manual processing time by 80% and eliminated 95% of data entry errors. Skilled in JavaScript, SQL, and workflow automation.

EDUCATION

University of Houston

Houston, TX

Bachelor of Science in Computer Science, Minor in Mathematics

Graduated: May 2024

- **Relevant Coursework:** Data Structures & Algorithms, Data Science 1, Database Systems, Computer Networking

TECHNICAL SKILLS

Programming & Scripting: JavaScript (Node.js, TypeScript), SQL (PostgreSQL), PowerShell, Python, Bash

Automation & Integration: REST APIs, Data Transformation, ERP Systems, Cron Jobs

Databases & Frameworks: PostgreSQL, Prisma ORM, IBM AS400, Database Design

Cloud & Infrastructure: Vercel, Supabase, Azure AD, Active Directory, Office 365, Linux (Ubuntu, Proxmox)

Tools & Development: Git/GitHub, VS Code, Chrome DevTools, React, Next.js

Certifications: CompTIA Network+ (**In Progress**)

EXPERIENCE

Computer Technician

June 2025 – Present

Secure ITAD Services, Inc.

Houston, TX

- Engineered **Chrome extension automation tool** using **JavaScript** to auto-fill **50+** fields in Razor ERP system, reducing data entry time by **70%** and increasing daily computer processing volume with **improved accuracy**.
- Diagnose and troubleshoot **hardware** issues on **60+ computers daily** using ZipErase software, documenting findings in Razor ERP tracking system for asset lifecycle management.

Information Technology Intern

June 2022 – September 2022

Daikin Comfort

Waller, TX

- Contributed to **dealer rebate automation system** that reduced processing time from 5 days to 24 hours (**80% improvement**) by building **JavaScript** data extraction scripts and **SQL queries** for rebate processing.
- Designed **database schemas** by analyzing Excel data structures, then performed **ETL processes** including **data cleaning, transformation, and migration** from Excel spreadsheets into **SQL databases** for operational reporting.

PROJECTS

Razor ERP Auto-Fill Chrome Extension | [GitHub Link](#)

JavaScript, Chrome API, DOM Manipulation

- Developed Chrome extension with template system, keyboard shortcuts, and **automated form-filling**, demonstrating proficiency in **JavaScript**, **browser APIs**, and **workflow automation**.

User Provisioning Automation Project | [GitHub Link](#)

PowerShell, Active Directory, Azure

- **Automated user provisioning** workflows using **PowerShell**, Microsoft Graph API, Active Directory, and Azure AD, reducing onboarding time and **eliminating manual** account creation errors.

Personal Dashboard (bigboo.dev) | [GitHub Link](#)

TypeScript, PostgreSQL, REST APIs

- Built **full-stack** personal dashboard integrating **7+ external APIs** with unified **PostgreSQL** database using **Prisma ORM** for type-safe operations.
- Designed **data transformation pipeline** normalizing diverse API response formats into structured database schema.
- Implemented automated **cron jobs** with market-hours-aware refresh logic and rate limit tracking across multiple APIs.

Proxmox Homelab Infrastructure

Proxmox VE, Linux, Docker

- Built virtualization homelab on Optiplex micro PC running Proxmox with security hardening, network segmentation, and automated backup strategies for **learning enterprise infrastructure concepts**.

LEADERSHIP

Vice-President Internal & Secretary, *Omega Phi Gamma*

August 2022 – May 2024

Assistant Scoutmaster & Eagle Scout, *Boy Scouts of America*

August 2019 – Present