

Tanroj Billing

Turlock, CA • (209) 216-8047 • tanrojb@gmail.com
<https://github.com/A-Toj> • <https://www.linkedin.com>

Overview

Computer Science graduate (Cybersecurity concentration, CSU Stanislaus) with hands-on experience in secure web development, relational database design, and IT support.

Projects

Car Dealership Database System

PHP · MariaDB · SQL · JavaScript

- Designed and built a 16-table MariaDB relational database with a PHP and CSS web interface for a car-dealership management system, modeling vehicle inventory, customers, sales, appointments, financing paperwork, and manufacturer data.
- Implemented a multi-filter vehicle search and a browser-based query console supporting SELECT, INSERT, UPDATE, and DELETE operations against the live database.
- Reduced SQL-injection exposure on customer-facing search by replacing free-text inputs with constrained dropdown filters; designed subtype tables (gas / hybrid / electric), a ternary sales relationship, and many-to-many feature mappings from an original ER diagram.

Terraria AI Agent

Python · OpenCV · mss

- Built a modular Python agent that plays Terraria autonomously from on-screen pixels, pairing real-time screen capture (mss) with OpenCV computer vision for terrain and entity detection across separate vision, control, and decision-making subsystems.
- Implemented behavior modules for navigation, combat, mining, building, and inventory management; the agent pathfinds to the Ocean Biome and defeats the Eye of Cthulhu using only simulated keyboard and mouse input — no game-file or memory modification.

Text-to-Speech Web App

HTML · CSS · JavaScript

- Co-developed (with one teammate, on a six-person team) a responsive web app that reads user-entered text aloud through the browser's Web Speech API, with selectable language (English / Spanish) and accent (US / UK), plus play, clear, and text-export controls.

Experience

Co-Founder & Web Developer

June 2026 – Present

Moderni Tech (Web Design Studio) — Remote

- Co-founded a web design studio building responsive, custom websites for small businesses, owning the full process from client conversation through design, build, and launch.
- Launched a custom, responsive marketing site for a temperature-controlled freight carrier (billingtrucking.com); currently building an online storefront for a jewelry retailer — the studio's first paying client.

Operations Assistant / IT Support

May 2023 – April 2025

Billing Trucking Inc. — Turlock, CA

- Provided IT support and maintained all hardware and software for drivers, both in person and remotely, keeping field staff connected and productive.
- Managed logistics paperwork — invoices, bills of lading, and maintenance records — keeping documentation organized and audit-ready.

Education

California State University, Stanislaus

Turlock, CA

B.S. in Computer Science — Concentration in Cybersecurity

Expected May 2026

Relevant Coursework: Database Management Systems, Computer Networks

Certifications

- Google IT Support Professional Certificate — 2026
- AWS Certified Security – Specialty (Expected 2026)

Skills & Languages

Languages: Python, SQL, Java, JavaScript, TypeScript, PHP, HTML/CSS

Frameworks & Libraries: React, Node.js

Tools & Platforms: AWS, Docker, Linux, VirtualBox, Git, Wireshark

Concepts: Relational database design, networking, server management, security