# Kevin Truong

Longmont, CO | 720-224-6183 | truongakevin@gmail.com | Portfolio | GitHub | LinkedIn

## PROJECTS

**Invoice Manager** | *Electron, React, SQLite*
- Architected a desktop invoicing system using Electron, React, TypeScript, and SQLite for a small business to replace a legacy billing tool and streamline client management, invoice/estimate creation, and payment tracking.
- Worked directly with the business owner to map out workflows and iterate on real-world use cases, ensuring the final product aligned with day-to-day operational needs.

**Aesthetic Matcher** | *Astro, React, Flask, PyTorch*
- Launched an ML-powered web app that served 150+ monthly users and classified images across 1,000+ aesthetics using Astro, React, and Flask, improving classification accuracy by fine-tuning OpenAI's CLIP model on a custom dataset of 20,000+ images with PyTorch and Hugging Face Transformers.

**Personal Portfolio** | *Astro, Node.js, Nginx*
- Developed a centralized portfolio hub webpage using Astro, React, and Node.js to consolidate 6+ personal projects along with server-side API endpoints under one domain to simplify project maintenance, reduce deployment overhead, and avoid multi-domain hosting costs.

**Trip Planner** | *React, Java Spring, MariaDB*
- Collaborated on a 5-person Agile team to develop a full-stack route optimization application using React, Java Spring, and MariaDB, achieving 90+% test coverage with Jest and JUnit.

**Job Search Assistant** | *Angular, Node.js, Gemini*
- Engineered an AI-powered job search assistant using Angular, Tailwind CSS, Node.js, and Google's Gemini AI to help users draft higher-quality, personalized cover letters and resumes from uploaded documents and job preferences.

**Picture To Playlist Converter** | *React Native, Node.js, Flask*
- Built a mobile/web app using React Native, Node.js, and Flask that converted user-uploaded images into personalized Spotify playlists with zero-shot image classification across 2,000+ music genres.

## EXPERIENCE

**Full-Stack Software Engineer** *2023 - Present*
*Freelance & Personal Projects*
- Designed responsive UIs across web, mobile, and desktop platforms focusing on accessibility and user experience.
- Integrated RESTful APIs, optimized database schemas and queries for performance, and automated CI/CD pipelines using GitHub Actions to streamline development and ensure reliable deployments.
- Coordinated with clients to understand project requirements, offer technical guidance and deliver customized solutions aligned with their needs.

**Systems Administrator** *2024 - Present*
*Self-Managed Projects & Personal Infrastructure*
- Self-hosted and maintained 5+ full-stack web apps on a personal Ubuntu server, implementing firewall configurations, system hardening, vulnerability scans, and resource management, ensuring high availability and secure performance.

## EDUCATION

**Bachelor of Science in Computer Science** *August 2024*
*Colorado State University, Fort Collins, Colorado*

Relevant Coursework: Computer Architecture | Operating Systems | Systems Security | Software Development and Engineering | Networking | Machine Learning | Database Management

## CERTIFICATIONS

**CompTIA Security+ Certification** *Issued December 2023*

Relevant Skills: Cybersecurity Concepts | Threat Mitigation | Security Architecture

## ADDITIONAL

**Languages:** Python | JavaScript | Java | C | C++ | SQL | PHP | HTML | CSS | Bash

**Technologies/Tools:** Astro | React | Flask | Node.js | React Native | Electron | Angular | MySQL | SQLite | TypeScript | Tailwind | Docker | Nginx | GCP | Postman | Git | Code Climate