

# Kevin Truong

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## EXPERIENCE

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### Full-Stack Software Engineer

2023 - Present

#### Freelance & Personal Projects

- Developed and deployed full-stack web and desktop applications with intuitive user interfaces, secure backend services, optimized databases, and automated deployment pipelines.
- Designed responsive user interfaces across web, mobile, and desktop platforms, ensuring accessibility and an engaging user experience.
- Implemented secure RESTful APIs, optimized database performance, and built efficient backend services for seamless user and client data management.

### Systems Administrator

2024 - Present

#### Self-Managed Projects & Personal Infrastructure

- Managed and maintained a personal Ubuntu server, ensuring system security, performance, and uptime for hosted applications and endpoint services.
- Implemented server hardening measures, including firewall configuration and vulnerability scanning.
- Performed regular system troubleshooting and resource management to maintain continuous server uptime and optimize performance for all hosted applications.
- Automated deployment workflows through GitHub Actions, providing continuous integration and deployment pipelines between repositories and hosted services to improve development efficiency.

## PROJECTS

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### Invoice Manager | *Electron, React, SQLite*

- Architected an Electron desktop application with React, Tailwind, TypeScript, and SQLite that features client management, invoice and estimate generation, and payment tracking.

### Aesthetic Matcher | *Astro, React, Flask, PyTorch*

- Built and launched an ML-powered web application serving 150+ monthly users, using Astro, React, Flask, and PyTorch to classify images across 1,000+ aesthetics, leveraging a custom dataset and fine-tuned CLIP model.

### Trip Planner | *React, Java Spring, MariaDB*

- Collaborated in a 5-person Agile team to develop a full-stack route optimization application utilizing React, Java Spring, and MariaDB, maintaining 90+% test coverage with Jest and JUnit through CI/CD practices.

### Personal Portfolio | *Astro, Node.js, Nginx*

- Designed and integrated a portfolio website using Astro and React components, featuring server-side API endpoints for contact forms and real-time Spotify profile data, with continuous deployment to Ubuntu/Nginx infrastructure.

### Job Search Assistant | *Angular, Node.js, Gemini*

- Engineered a full-stack job search assistant web application using Angular, Tailwind CSS, and Node.js, integrating Google Gemini AI to generate tailored cover letters and resumes based on user inputs and file uploads.

## EDUCATION

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### 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

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### CompTIA Security+ Certification

Issued December 2023

Relevant Skills: Cybersecurity Concepts | Threat Mitigation | Security Architecture

## ADDITIONAL

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**Technical Skills:** Python | C | C++ | Java | Javascript | 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