

# KYLE NAKAMURA

Los Angeles, CA

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## CAREER PROFILE

Full Stack Developer with 7 years' experience and an M.S. in CS bridging the gap between technical project leadership, innovation, and cross-functional collaboration to deliver seamless, intuitive apps and websites. Design and launch ground-breaking solutions that align with, and support both organizational and user goals. Influential relationship builder and collaborative team player who champions a culture of technical excellence and continuous improvement.

## KEY SKILLS

<b>Professional:</b>	Full-stack Software Development, Technical Project Management (Requirements Gathering, Tracking, Prioritization), Staff Leadership, Technology Solution Implementation, Agile & Scrum, Detail & Deadline-oriented, Technical Problem Diagnosis & Resolution
<b>Software Dev.:</b>	Angular, React, SvelteKit, TypeScript, PHP, HTML, SCSS, Rapid Prototyping, Code Quality Maintenance, Technical Documentation
<b>ML, AI &amp; Technical:</b>	Python, ML Frameworks (TensorFlow, PyTorch, Scikit-learn, Scipy, NumPy, Pandas, Matplotlib), NLP/LLMs (training, prompting), Database Management & Optimization (MySQL), Version Control & Collaborative Coding (Git, GitHub), Linux/Unix
<b>Communication:</b>	Stakeholder Engagement, Client Relationship Management, Present Complex Information to Technical & Non-technical Audiences, Cross-functional Collaboration, Teamworking

## CAREER HISTORY

### Full-Stack Web Developer 08/2022 – Present

Freelance

- Spearhead diverse web development projects, transforming startup visions into branded design solutions.
- Directly engage clients to define requirements and guide them on feasible, budget-aligned strategies.
- Drive project implementations and foster transparent communication to build lasting client trust.
- Craft responsive web designs using advanced tools like Angular and SvelteKit, plus innovative CSS techniques.
- Seamlessly integrate APIs to build dynamic real-time applications, handling continuous data flow efficiently.

**Design2Text Project:** Leveraged SvelteKit and OpenAI API to design and implement a novel web app that converted Figma designs into project requirement documents, resolving a long-standing pain point.

**Whip Project:** Developed an intuitive load management app from client specifications using SvelteKit and Supabase.

**HyCite Project:** Elevated the digital presence of international corporation HyCite by partnering with a web designer on the construction and implementation of a corporate website (hycite.com) using Angular, Dato CMS, and Netlify.

**Shiftwell Project:** Developed a shift scheduling web app for restaurant managers using Angular and Node.js, featuring role-specific schedules, multi-location management, real-time updates, and a simple interface

### Full-Stack Web Developer 05/2017 – 06/2022

Azusa Pacific University

- Led front-end dev to launch university web portal, enhancing functionality and UX with PHP, CSS, and JavaScript.
- Collaborated on backend development, enhancing system architecture and integrating databases and APIs.
- Engineered a web-based database management interface, streamlining stakeholder content updates.
- Developed and deployed PHP helper functions to execute sanitized SQL queries, enhancing application security.
- Integrated Google Analytics to deliver strategic, data-driven insights to management and key stakeholders.
- Managed and updated the university's official iOS app, ensuring smooth operation and resolving bugs using Swift.
- Reduced API costs by \$180/month (90%) using resource management best practices.
- Innovated an AI-driven FAQ chatbot, significantly improving student engagement and information access
- Launched a real-time computer vision system for occupancy monitoring during the pandemic.
- Created a live streaming system for chapel services with smart attendance tracking, boosting virtual engagement.
- Mentored junior developers, elevating their skills and fostering a culture of technical excellence.
- Overhauled the legacy codebase and established a detailed wiki, significantly elevating coding standards.

## EDUCATION

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### **Master's in Computer Science (Specialization in Machine Learning)**

**01/2021 – 05/2024**

Georgia Institute of Technology

- **Key Coursework:** ML, Grad Algorithms, Computer Vision, Computational Photography, Info Sec, AI Ethics

### **Bachelor of Science in Computer Science (Minor in Mathematics)**

**08/2014 – 05/2018**

Azusa Pacific University

- **Funded Project:** Collaborated with AI faculty and a peer to develop a real-time parking lot occupancy tracker using computer vision to alleviate parking concerns for students and faculty. Constructed a lifelike 3D model in Unity, populated it with vehicles to create a synthetic dataset, and trained a convolutional neural network with TensorFlow. Deployed the model on Azure, leveraging live IP camera feeds for data, accessible via a REST API.