

# CARMEN SHIU

## SOFTWARE ENGINEER



• [hi@carmenshiu.com](mailto:hi@carmenshiu.com) • San Francisco Bay Area, CA • [LinkedIn](#) • [GitHub](#) • [Portfolio](#)

From creating fan sites in my youth to being a project and product manager for 11 years, I've since reignited my passion for coding and now develop full-stack, dynamic web applications as a software engineer.

## SKILLS

JavaScript • Node.js • Express.js • Python • Flask • React • Redux • PostgreSQL • HTML5 • CSS3 • Git • Project Management • Product Management • Quality Assurance • Pair Programming • Object-Oriented Programming (OOP)

## PROJECTS

**Lingo.ai** | *LLM-powered English learning flashcard web application*

[Live](#) • [GitHub Repo](#)

- Deployed a flashcard application utilizing Gemini AI on a 5-member team, earning 2nd place in the App Academy Summer 2024 Hackathon: AI for Social Good
- Implemented advanced user interface (UI) components with Material UI, delivering a polished user experience (UX)
- Conducted quality assurance (QA) by testing backend routes with Postman and troubleshooting frontend issues
- Optimized Firebase Firestore configurations and data handling to improve app performance

**Plantera** | *Plant marketplace community platform*

[Live](#) • [GitHub Repo](#)

- Engineered RESTful API endpoints with Express.js to streamline client-server communication
- Built a shopping cart feature with Redux and Web Storage API for a seamless UX, regardless of authentication status
- Incorporated Quill, a rich-text editor, to enable users to create and publish plant-related articles
- Configured custom user authentication with bcrypt and React routes, effectively managing user access

**The Paw** | *Pet-friendly business review platform*

[Live](#) • [GitHub Repo](#)

- Established a Git workflow for a 3-member team, ensuring optimized collaboration and version control
- Developed the backend with Python and Flask, handling server-side logic and data processing
- Designed a responsive UI with React for viewing business details, adding reviews, and uploading photos
- Integrated Amazon Web Services (AWS) S3 for efficient photo management and storage

## WORK EXPERIENCE

**Angles, Inc.** | *Production Manager*

**October 2023 – Present**

Los Angeles, CA (Remote)

- Directing ad production and web initiatives, driving \$100,000+ in revenue for clients
- Developing custom HubSpot website features, including a blog search filter and module updates
- Streamlining collaboration by managing projects in ClickUp, coordinating clients, designers, and developers

**CLEVER Influencer Marketing Agency** | *Senior Product Manager & Project Manager*

**February 2012 – February 2023**

San Francisco Bay Area, CA (Hybrid)

- Initiated strategic efforts, including creating a Pricing Workbook to optimize budget allocation and client guarantees
- Partnered with software engineers to develop proprietary dashboards, providing pre- and post-launch support
- Managed 200+ influencer marketing campaigns and launched 6 cross-functional projects, contributing to the company's 90% client retention rate

## EDUCATION

Immersive software development course with a focus on full-stack web development

App Academy – 2024

Bachelor of Science, Public Relations

San José State University – 2012