

# Carmen Shiu

## Software Engineer

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

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

**Technical Skills** Node.js • Express.js • Python • React • Redux • PostgreSQL • HTML5 • CSS3

**Relevant Skills** Git • Project Management • Product Management • QA • AI Prompting

## PROJECTS

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**Lingo.ai** | [GitHub](#) | [Live](#) *Node.js • Firebase • Gemini AI • React • Redux • Material UI*

- Deployed an LLM-powered flashcard application with Gemini AI as part of a 5-member team, earning 2nd place in the App Academy Summer 2024 Hackathon: AI for Social Good
- Implemented advanced user interface components with Material UI
- 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** | [GitHub](#) | [Live](#) *Node.js • PostgreSQL • Sequelize • React • Redux • AWS • Stripe*

- Built RESTful API endpoints with Express.js for efficient client-server communication
- Engineered shopping cart feature with Redux and Web Storage API for a seamless UX
- Leveraged Stripe for easy, secure payment processing
- Configured user authentication with bcrypt and React routes

**The Paw** | [GitHub](#) | [Live](#) *Python • Flask • PostgreSQL • React • Redux • AWS*

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

## EXPERIENCE

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**Production Manager** • *Angles, Inc.* • Remote 10/2023 – Present

- Creating custom HubSpot website features using HTML, CSS, JavaScript, and HubL
- Managing website overhauls by coordinating with designers, developers, and clients
- Streamlining collaboration and project management by optimizing workflows in ClickUp

**Senior Product Manager** • *CLEVER Influencer Marketing Agency* • Remote 2/2012 – 2/2023

- Collaborated with software engineers to design and implement proprietary dashboards
- Launched 6 cross-functional projects, contributing to a 90% client retention rate

## EDUCATION

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**App Academy** • Full-Stack Web Development Completed 5/2024

**San Jose State University** • Bachelor of Science, Public Relations Completed 5/2012