

Melody Gatan

Full-Stack Software Engineer

(949) 702-2244 | melodygatan@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

California State University, Long Beach

December 2025

Bachelor of Science, Computer Science | GPA: 3.66 | Dean's List (2x), President's List (3x)

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C++, C#, PHP, Kotlin, SQL

Frameworks & Libraries: React, Next.js, Node.js, Express.js, Tailwind CSS

Tools & Platforms: Git, GitHub, Firebase, Firestore, Google Cloud Platform, REST APIs, MySQL

PROFESSIONAL EXPERIENCE

Software Engineer (Contract)

July 2025

Modo Matcha

Los Angeles, CA

- Engineered enterprise-grade kitchen display system using TypeScript and Next.js, processing 145+ concurrent orders with sub-second latency and 100% uptime
- Designed real-time order management platform with Firestore, enabling seamless front-of-house and kitchen coordination with automatic order archiving

Fulfillment Expert

August 2021 - Present

Target

Cerritos, CA

- Processed 100+ daily orders with 98% accuracy; trained 3 team members and provided technical troubleshooting for inventory systems across an 8-person team

TECHNICAL PROJECTS

Cafinity — Full-Stack Cafe Discovery Platform | [GitHub](#)

August 2024 - May 2025

React, Firebase, Google Maps API

- Architected and deployed full-stack cafe discovery platform serving 200+ listings with React frontend and Firebase distributed database, implementing secure JWT-based authentication supporting multi-role access (cafe owners, administrators, end users)
- Integrated Google Maps Platform with custom marker clustering, real-time geolocation services, and Haversine formula-based distance calculations enabling location-aware search within user-defined radius
- Developed AI-powered content moderation system using OpenAI API for automated sentiment analysis and profanity detection, with admin notification workflows reducing manual review time by 70%

Discord Music Recommendation Bot | [GitHub](#)

April 2023

Node.js, Spotify Web API, Discord.js

- Built and deployed Discord bot leveraging Spotify Web API, delivering personalized music recommendations to 300+ users across 5 servers based on listening history and preferences
- Awarded 2nd Place at MarinaHacks 3.0 hackathon for innovative implementation of collaborative filtering algorithms and intuitive user experience

LEADERSHIP & ACTIVITIES

Web Developer | CSULB Esports Association

September 2023 - July 2024

- Optimized database queries using PHP/MySQL, reducing average response time by 60% for 500+ users
- Engineered a streamlined player tryout system, cutting manual registration processing time by 75% and handling 200+ signups per season with zero data loss

Secretary | Women in Computing, CSULB

August 2023 - April 2024

- Increased member engagement by 35% and technical workshop attendance by 45% through strategic newsletter campaigns using MailChimp, reaching 150+ members monthly