

Marcus Acosta

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PROJECT EXPERIENCE

Job Listing Notifier

SMS Notification Tool – Javascript, Node.js, React, SQLite

- Built a **Node.js + React** tool that sends SMS alerts via **Twilio API**, replacing manual job board checks with customizable categorical filters.
- Automated monitoring with **GitHub Actions** on a 5-minute cron schedule, achieving continuous, hands-off operation.
- Load-tested system to **500+ concurrent subscribers** with sub-5-second delivery, validating scalability and reliability under stress.

Fantasy Football Trade Analyzer

Full-Stack Application – Go (Gin), TypeScript, React, PostgreSQL

- Developed **Go + React** web app integrating **Yahoo Fantasy API** with **Tank01 NFL projections**, generating real-time trade value scores to reduce bias in player evaluations.
- Engineered **PostgreSQL backend** to analyze roster balance and positional scarcity, delivering team-need insights during trade evaluations.
- Automated validation with **100+ trade-scenario tests**, ensuring accuracy and reliability of recommendations across diverse player combinations.

Collaborative Expense Calendar

Full-Stack Application – Python, JavaScript, Flask, React, PostgreSQL

- Designed a **PostgreSQL schema** supporting recurring and one-time expenses with category tagging, ensuring consistency across collaborative entries.
- Implemented **transaction-safe queries** and stress-tested collaboration features, validating support for **100+ concurrent users** without data loss during testing.
- Integrated **Twilio SMS reminders** for upcoming expenses, improving visibility of due payments and reducing missed entries in pilot runs.

EDUCATION

Oregon State University

Computer Science (Post-Baccalaureate)

Corvallis, OR

2024 - 2026 (Expected)

- Relevant Coursework: *Data Structures, Algorithms, Databases, Operating Systems, Software Engineering*

WORK EXPERIENCE

Life Time Fitness

Facility Operations Supervisor

Walnut Creek, CA

Jan 2024 - Present

- **Led a 25+ person team**, optimizing schedules and workflows to improve daily operations and reduce delays.
- Produced **weekly reports** to identify recurring issues and escalate systemic problems, strengthening accountability and process consistency.

TECHNICAL SKILLS

Languages: Python, JavaScript (ES6+), TypeScript, Go, SQL

Frameworks: React, Flask, Node.js, Express, Gin

Databases: PostgreSQL, MySQL, MongoDB, SQLite

DevOps & Tools: Git, Docker, GitHub Actions

Testing: PyTest, Jest, Postman API tests

Cloud: AWS (EC2, S3)