

ANDRES ROMERO

Full-stack software engineer building web applications with Next.js, Typescript, and modern backend services.
Focused on UI, data visualization, and product-driven development.

CONTACT & LINKS

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SKILLS

- **Frontend**
 - Next.js
 - React.js
 - Tailwind CSS
 - GSAP
 - Framer Motion
- **Backend**
 - MongoDB
 - Firebase
 - MySQL
 - SQL
- **Tools & Practices**
 - Git
 - Github
 - Agile - Scrum

EDUCATION

Bachelor of Science, Computer Science
California State University, Fullerton

2019 - 2022 | GPA: 3.41

LANGUAGES

- English
- Spanish

PUBLICATIONS

Romero Nogales, Andres F., "A Survey on Data Integrity Attacks and DDoS Attacks in Cloud Computing", Annual Computing and Communication Workshop and Conference, 2023

SELECTED PROJECTS

MoneyTrack

Next.js | TypeScript | Tailwind CSS | Framer Motion | MongoDB

- Built a web-based financial application that aggregates transactional and financial data such as account balances, transactions, subscriptions, and recurring bills into a concise dashboard.
- Implemented linear, area, bar, and pie charts to visualize monthly financial activity and trends.
- Displayed automated bill payments in a calendar view to support bill planning.
- Added optional budget tracking for user-defined categories to support financial planning.

Cuispiria

Next.js | TypeScript | Tailwind CSS | Framer Motion | MongoDB

- Built a web-based recipe discovery and meal-planning application that allows users to search recipes using filters, create recipes, schedule meals in a calendar, and save recipes into a favorites list.
- Integrated nutritional information into the recipe summaries, with wine pairing data when available.
- Visualized nutritional data using pie and line charts to improve readability and user understanding.

Vchat

React.js | JavaScript | Tailwind CSS | GSAP | Firebase

- Built a web-based real-time chat application that allows users to communicate with people via group rooms and/or participant-limited direct message rooms.
- Implemented message interaction such as replies, pinning, and file sharing.
- Synchronized messages across users to ensure immediate message delivery across participants.