

# Alejandro Mora-Lopez

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## PROFILE

Enthusiastic Junior Web Developer skilled in React.js, Next.js and modern web technologies. Eager to contribute to dynamic development teams and enhance web application usability. Passionate about continuous learning and innovation in web development.

## EDUCATION

### Bachelor of Science in Computer Science, Summa Cum Laude

California State Polytechnic University, Pomona

08/2020 – 05/2024

Pomona

### Relevant Coursework

- Software Engineering (CS4800)
- Database Systems (CS4350)
- User Interface Design and Programming (CS2450)

## PROJECTS

### X Clone

React.js, Node.js, Express.js, MongoDB, Sass

- Developed a full-stack clone of X using **Node** and **Express** to serve a **REST API** and **React** for the frontend.
- Implemented **passport.js** to authenticate users with username/password.
- Engineered a **MongoDB** database for storing information, ensuring sensitive data encryption with **bcrypt.js**.
- Implemented **JSON Web Tokens** and **cookies** to authorize users on every action.

### Web Portfolio

Next.js, Tailwind CSS, Framer Motion, Aceternity UI, shadcn

- Developed a personal web portfolio using **Next** with **Typescript** and **Tailwind CSS** to showcase projects.
- Implemented a **mobile-first approach** to ensure optimal usability on all devices.
- Integrated **shadcn** and **AceternityUI** components to enhance visual appeal and user interface.
- Implemented dark mode for enhanced user experience in low-light conditions.

### Real Time Chat App

Next.js, Tailwind CSS, Redis, Next Auth, Web Sockets

- Developed a full-stack chat application allowing friends to communicate in **real-time** using **Pusher Channels**.
- Implemented **Next Auth** using **Google authentication** to allow users to login with their Google account.
- Integrated **Redis** for storing user information and chat messages.
- Created a robust error handling and notification system to enhance user experience using **toasts**.

## SKILLS

**Programming Languages** — Java, Python, JavaScript, TypeScript, HTML, CSS, Sass

**Libraries and Frameworks** — React.js, Next.js, Node.js, Express.js, Tailwind CSS, Framer Motion, shadcn, daisyUI, AceternityUI

**Tools and Platforms** — Git, Github, Netlify, Vercel, Fly.io, Webpack, Pusher

**Databases** — MongoDB, PostgreSQL, Upstash Redis