

Alejandro Mora-Lopez

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

Relevant Coursework

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

Projects

X/Twitter Clone

Developed a full-stack clone of X (formerly Twitter) to deepen my understanding of modern web technologies. Frontend deployed using **Vercel**, backend deployed using **Fly.io**.

- Implemented a responsive UI with **React.js** and **Sass** for styling.
- Engineered back-end functionality with **Node.js** and **Express.js**, ensuring secure user data management with **bcrypt.js**.
- Designed and managed a **MongoDB** database for storing user information and content.
- Utilized **JSON Web Tokens** and **cookies** along with **passport.js** for secure user authentication.

Weather App

Developed and deployed a weather application using **Next.js** and **Tailwind CSS** to provide real-time weather data for any location.

- Integrated **WeatherAPI** to fetch current weather conditions, including temperature, humidity, and wind speed.
- Enabled users to toggle between Fahrenheit and Celsius for temperature display.
- Implemented user-friendly error messages for invalid or non-existent locations.

Web Portfolio

Developed a personal web portfolio using **Next.js** with **Typescript** and **Tailwind CSS** to showcase recent projects and skills.

- Implemented a **mobile-first approach** to ensure optimal usability on all devices, including desktops, tablets, and smartphones.
- Integrated **shadcn** and **AceternityUI** components to enhance visual appeal and user interface.
- Implemented dark mode for better user experience in low-light conditions.

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portfoliov2-alpha-one.vercel.app/

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Skills

Programming Languages

JavaScript, TypeScript, HTML, CSS, Sass

Libraries & Frameworks

React.js, Next.js, Node.js, Express.js, Tailwind CSS, Framer Motion, shadcn, daisyUI, AceternityUI

Tools & Platforms

Git, GitHub, Netlify, Vercel, Fly.io, Webpack

Databases

MongoDB, PostgreSQL

Awards

Dean's List - 6 Semesters

President's List - 2 Semesters