

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.

Weather App

Next.js, Tailwind CSS, Framer Motion

- Developed a weather application to provide real-time weather data for any location.
- Integrated **Weather API** 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.

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

Databases — MongoDB, PostgreSQL