Alejandro Mora-Lopez

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EXPERIENCE

Frontend Developer Intern   Sep. 2024 – Nov. 2024
UpUnikSelf Inc.   *Remote*

- Led UI enhancement initiatives using Next.js, Tailwind, and TypeScript, **improving page load times by 15%** across the company website.
- Developed **10+ reusable components**, reducing development time for new features by 20% and improving code maintainability.
- **Conducted code reviews** with a team of 8 developers, helping establish and document best practices.
- Successfully **translated 10+ design mock-ups** into pixel-perfect, responsive implementations.
- Managed project timelines and issue tracking through GitHub Projects with **100% on-time completion rate**.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML/CSS, Sass

Frameworks: React.js, Next.js, Node.js, Express.js

Developer Tools: Git, GitHub, VS Code, Netlify, Vercel, Fly.io, Webpack, Pusher, Postman

Libraries: Tailwind CSS, TanStack Query, Framer Motion, Zustand, shadcn, daisyUI, Acernity UI, React Hook Form, NextAuth.js, JWT, OAuth, Jest

Databases: MongoDB, PostgreSQL, Upstash Redis, MySQL

EDUCATION

California State Polytechnic University, Pomona   Pomona, CA
Bachelor of Science in Computer Science, Summa Cum Laude   *May 2024*

PROJECTS

X Clone ⚲ | *React.js, Node.js, Express.js, MongoDB, Sass*

- Developed a full-stack X clone integrating **React** for the frontend and **Node.js/Express** for **RESTful API** implementation.
- Implemented secure user authentication using **passport.js** with **JWT** and **HTTP-only cookies**.
- Engineered a **MongoDB** database for storing posts and user information, ensuring sensitive data encryption with **bcrypt.js**.
- Designed and implemented comprehensive **middleware** for **route protection** and **user authorization**.

CineScore ⚲ | *Next.js, Tailwind CSS, shadcn, PostgreSQL, Next Auth*

- Developed a full-stack movie discovery platform using **Next.js** with client-side **caching using SWR**.
- Integrated **third-party APIs** to fetch and display movie data with custom error handling.
- Implemented **responsive UI** using **shadcn components**, achieving **mobile-first design**.
- Engineered a **PostgreSQL** database for storing sensitive user data securely and efficiently.

SwiftChat ⚲ | *Next.js, Tailwind CSS, Redis, Next Auth, Web Sockets*

- Developed a full-stack messaging system allowing **real-time** communication using **Pusher Channels**.
- Integrated **Google OAuth** authentication for secure user login.
- Implemented message persistence using **Redis** for efficient data retrieval.
- Built a comprehensive alert handling system with user-friendly toast notifications.

Web Portfolio ⚲ | *Next.js, Tailwind CSS, shadcn*

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