Alejandro Mora-Lopez

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PROFESSIONAL EXPERIENCE

Frontend Developer Intern   Sep 2024 – Nov 2024
UpUnikSelf Inc.
- Collaborated with a **development team of 8** to enhance the user interface of the company website using **Next.js, Tailwind, and TypeScript.**
- Conducted **code review** on pull requests from team members to ensure code quality and adherence to best practices.
- Designed and **implemented reusable components** to improve code efficiency and facilitate **scablabity** across multiple site projects.
- **Translated design mockups** into functional code by implementing visual elements from provided images.
- Managed weekly assignments and tracked issues using **GitHub Projects**, ensuring timely completion of tasks.

EDUCATION

Bachelor of Science in Computer Science, Summa Cum Laude   Aug 2020 – May 2024
California State Polytechnic University, Pomona   Pomona

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

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**.