Mario Lopez
Phone: 818-489-6242 **Email**: m9lopeztri@gmail.com
Website: https://mariolopezdev.com/

WORK EXPERIENCE

Molecular Testing Labs, Remote - Software Engineer   **August 2023 - Current**

- Implemented a full-stack app for receiving deliveries, tests, & audits, enhancing operational efficiency
- Engineered Dashboard with lab equipment integration to minimize downtime & streamline operations
- Established event tracking system for improved database auditing & monitoring of data changes
- Developing the next-gen in-house systems for modernization & enhanced functionality
- Collaborated closely with stakeholders to align requirements with overarching business goals
- Worked alongside QA team to ensure smooth transition to new system & address identified bugs.
- Building with Typescript(TS), C#, Azure, Material UI, Ant Design

Nexty, Remote - Freelance Software Engineer   **February 2023 - August 2023**

- Refactored a full stack web app from ReactJS to NextJs with Tailwind, optimizing performance
- Contributed to building comprehensive code documentation, facilitation onboarding for new engineers
- Added Jest and Cypress to ensure site reliability be identifying errors before production deployment
- Designed and implemented a navigation menu and feature creator carousel, enhancing user experience
- Enhanced user experience by designing and implementing a navigation menu and featured creator carousel
- Worked with TS, Tailwind, GraphQL/Apollo, NextJS, ReactJS, Bootstrap

Dolthub, Santa Monica, CA - Software Engineer   **May 2022 - January 2023**

- Built numerous full-stack features with a GoLang stack from Schema to UI
- Designed and built a teams permission feature, to enhance user control and collaboration seamlessly
- Built the Home and pricing page for HostedDolt, revitalizing brand presence and customer engagement
- Improved SEO by updating and automating the Robots and Sitemap, increasing site ranking
- Significantly improved homepage speed by 2 seconds, amplifying user satisfaction and retention rates
- Worked with TS, Tailwind, GraphQL/Apollo, NextJS, Go, Jest, Cypress

Amgen, Remote - Associate Engineer   **January 2022 - May 2022**

- Collaborated closely with end-users to conceptualize and implement features across various web applications
- Designed and executed a comprehensive full-stack app to visualize resource transfers between departments
- Conducted regular meetings with clients to gather requirements and refine application functionality.
- Worked with TS, ReactJS, Redux, Bootstrap, Python, Django

HelloAdvisr, Remote - Jr. Developer/Internship   **July 2020 - December 2020**

- Developed a full stack web-app for businesses to autonomously optimize product/service pricing
- Utilized graphs for intuitive visualization of input effects on recommended price points
- Efficiently coordinated with team members across various time zones

Jet Propulsion Laboratory, Pasadena, CA — JPlus Student   **July 2017 - December 2017**

- Effectively communicated findings and project updates to diverse audiences, including peers and senior professionals at JPL/NASA

EDUCATION

University of California, San Diego — Bachelors of Science in Computer Science   **Graduated - June 2021**

LEADERSHIP

President of Triangle at UCSD (STEM Fraternity)   **December 2019 - April 2021**

- Awarded Outstanding Chapter President 2020-2021

SKILLS

- Languages: C/C++, C#, Javascript, Typescript. Python, CSS, HTML, MySQL, SQL, LaTeX, GoLang
- Frameworks and Toolkits: React, NextJs, Graphql/Apollo, Kafka
- Softwares: Git, Linux, Firebase, NPM, Yarn, Vim, Visual Studio, Visual Code, gcc, ZenHub, NodeJs, Azure