

# Alain Marquez Perez

Houston, TX 77042

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Authorized to work in the US for any employer

Enthusiastic and detail-oriented Senior Software Engineer with a solid foundation in modern web development technologies. Passionate about coding, problem-solving, and continuous learning. In love with JavaScript, Vue.js, and Node.js, with practical experience gained due a variety of challenging opportunities, contributing to both **front-end and full-stack projects**.

## Skills

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- Programming: JavaScript, TypeScript, HTML5, CSS, Python
- Frameworks & Libraries: Vue.js, Nuxt.js, Node.js, Express.js
- Databases & Backend: PostgreSQL, MySQL, MongoDB, RESTful APIs
- Tools & Platforms: Git, Docker, CI/CD, Webpack, Jira, GitHub, Bitbucket
- Other: Agile/Scrum, Responsive Web Design, Unit Testing (Cypress)

## Work Experience

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### Senior Frontend Engineer

Interocloud - Remote

February 2023 to Present

Stack: Nuxt, Vuejs, Laravel, PostgreSQL, Git, Bitbucket, Docker, Underscore, Webpack, UNIX, Agile, Scrum  
| Team size: 4

- Built and optimized dynamic user interfaces, resulting in a 20% increase in user engagement and improved client satisfaction.
- Refactored and modularized the front-end codebase, leading to 40% faster feature development and easier maintenance.
- Introduced lazy loading and caching strategies, reducing application load time by 35%.
- Worked closely with stakeholders to translate business requirements into technical solutions, accelerating project completion by 25%.
- Mentored junior developers, enhancing overall team productivity and coding standards.

### Senior Web Developer

Smartbarrel - Miami, FL

January 2024 to August 2024

Stack: Typescript, NuxtJS 3, VueJS 3, Cypress, Laravel 11, PostgreSQL, Github CI/CD, Docker, Sentry, Linear | Team size: 6

- Developed and optimized front-end components, reducing page load times by 30%, leading to a more responsive and user-friendly platform.
- Implemented real-time data tracking module with ExpressJs with PostgreSQL, improving analytics accuracy and reporting for end-users.
- Enhanced CI/CD pipelines, cutting down deployment time by 40%, ensuring faster feature

- rollouts and bug fixes.
- Spearheaded a UI/UX revamp, improving Lighthouse performance scores by 25%, enhancing accessibility and cross-browser compatibility.
- Collaborated closely with back-end engineers to optimize API responses, reducing latency by 20% and improving application performance.

## FullStack Developer

Broadcasting Platforms LTD

July 2021 to March 2023

Stack: HTML5, CSS3, JavaScript, Nuxt, Vuejs, Laravel, Mysql, Git, GitHub, Docker | Team size: 6

- Developed and maintained a location-based GPS tracking system, improving data accuracy by 40%, benefiting fleet management clients.
- Designed and implemented a custom dashboard for tracking and visualizing business metrics, leading to a 30% boost in operational efficiency.
- Integrated Docker-based deployments, reducing environment inconsistencies and ensuring 100% uptime across multiple servers.
- Optimized database queries, reducing load times by 50% and improving system scalability.
- Conducted code reviews and unit tests, ensuring high code quality and reducing post-deployment bugs by 30%.

## Frontend Developer

Turbodega.com (<https://www.turbodega.com>)

November 2021 to February 2022

Stack: HTML5, CSS3, JavaScript, Quasar , Vuejs, Leaflet | Team size: 6

- Led UI enhancements that improved conversion rates by 15% through intuitive and user-friendly design changes.
- Implemented a Leaflet-based geo-mapping feature, allowing businesses to analyze regional sales data and optimize logistics.
- Refactored the front-end codebase, reducing bundle size and improving page load speeds by 35%.
- Designed and developed responsive interfaces, ensuring seamless user experience across devices.
- Enhanced cross-browser compatibility, eliminating rendering issues and improving accessibility scores by 20%.

## Education

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### Bachelor in Civil Engineering

Maximo Gomez Baez University 2014 to 2019

## Links

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<https://github.com/alarmar1990>

<https://www.linkedin.com/in/alain-marquez>

## Certifications and Licenses

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### **JavaScript (Intermediate) Certificate**

May 2024 to Present

<https://www.hackerrank.com/certificates/65f53d52f301>

### **Problem Solving (Basic) Certificate**

September 2021 to Present

<https://www.hackerrank.com/certificates/5e263cded450>

### **NODE.JS**

July 2021 to Present

<https://www.testdome.com/certificates/de24e2361bac48f697bd4d6c09eedabb>

### **VUE.JS**

July 2021 to Present

<https://www.testdome.com/certificates/80d686c2c3bf472ea4eff2a590990727>