



## Vicente Spencer **Noriega Moreno**

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Full Stack Developer with over 10 years of experience developing and deploying scalable, high-performance applications. Expertise in analyzing complex problems, implementing innovative solutions, and integrating cutting-edge technologies. Proven track record of delivering clean, efficient code from concept to production while consistently ensuring client satisfaction and aligning with business goals. A versatile professional committed to quality, performance, and continuous improvement in both front and back-end development, as well as in automation testing.

### Work Experience

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#### Q2

August 2022 - October 2024 | Software Engineer | Remote

At Q2, I played a key role in creating and maintaining two critical banking applications using Vue.js and Ember.js, focusing on performance, modularity, and responsive design. My work ensured seamless integration of custom themes, increased test coverage, and optimized the applications for scalability.

- Refactored front-end components for improved decoupling, performance, and reusability across Vue.js and Ember.js applications.
- Developed custom themes and layouts, and customized CSS variables, enabling other teams to integrate them easily into their projects.
- Tackled TypeScript type-checking issues and resolved Ember deprecations, improving development workflows and application stability.
- Increased unit test coverage using Vue Test Utils for Vue components and Mocha for Ember, ensuring robust and reliable component functionality.
- Enhanced Cypress E2E test coverage to automate testing of both functional and visual aspects, reducing regression issues and maintaining UI consistency.
- Led code reviews and integrated quality tools such as ESLint, ensuring high standards and catching issues early in the development cycle.

- Ensured mobile-responsive design, enhancing user experience across all device types, while maintaining features for seamless web interactions.

**Technologies:** Vue.js, Ember.js, CSS, JavaScript, Cypress, Vue Test Utils, Mocha, TypeScript, Jest, ESLint, Git

## Unosquare

February 2020 - August 2022 | Full Stack Developer | Remote

As part of the FMI project, which offers advanced medical reporting for pathology patients, I was critical in enhancing the system's ability to process and validate complex reports. My work ensured the seamless integration of multiple services and databases, contributing to better medical documentation and patient outcomes. Additionally, I supported the QA automation team using the Cypress framework to ensure a high-quality product, while providing technical support to guarantee system functionality and reliability.

- Refactored and optimized React components for greater code efficiency and maintainability.
- Migrated testing frameworks from Enzyme to RTL, improving test coverage and adhering to best practices.
- Enhanced back-end functionality by maintaining and creating APIs using Express, enabling smooth data exchange between Oracle DB and external services using XML payloads.
- Created and maintained AWS Lambda functions to support serverless architecture, optimizing scalability and reducing infrastructure costs.
- Kept system documentation updated in Confluence and Lucid Charts, ensuring cross-team transparency and collaboration.
- Leveraged SonarQube for code quality checks, resulting in more reliable and maintainable code, while integrating continuous improvement pipelines with Jenkins.
- Supported the QA automation team using Cypress for robust end-to-end testing, ensuring product quality and efficient issue resolution.

**Technologies:** React, Enzyme, Jest, RTL, Express, Oracle DB, XML, Confluence, Lucid Charts, Jenkins, SonarQube, Cypress, AWS Lambda

## People Thrust

February 2019 - February 2020 | Full Stack Developer | Remote

At People Thrust, I contributed to two major projects: the development of a localization feature for Pluto TV and a full-stack real estate application. In both projects, I played a key role in creating scalable, responsive solutions that met user demands, while also focusing on optimizing both the front and back-end systems for performance and reliability.

### Project: Pluto TV

- Implemented a localization feature, allowing the platform to dynamically adjust content based on the user's region, which expanded Pluto TV's market reach and enhanced user experience.
- Refactored CSS styles using Material-UI to ensure a cohesive, responsive design that worked across multiple devices and screen sizes.
- Conducted end-to-end testing using React Testing Library (RTL) and ensured code quality by migrating tests from Enzyme to Jest, significantly increasing test coverage and reducing bugs.

## **Project: Real State Application**

- Designed and developed the front-end of a real estate platform from scratch using React, focusing on creating reusable components, layouts, and routes that improved development efficiency and user interaction.
- Integrated Redux to manage global state, improving the app's scalability and ensuring smooth data flow between components.
- Implemented AXIOS to handle API calls, ensuring efficient data retrieval and synchronization with the back-end.
- Led the back-end development using NestJS and PostgreSQL, creating RESTful APIs to manage property data, user authentication, and transactions.
- Documented the back-end API using Swagger, ensuring clarity and ease of use for developers consuming the APIs.
- Set up CI/CD pipelines with Jenkins to automate testing, building, and deployment processes, reducing the time to market for new features.
- Worked with Docker to containerize applications, ensuring that environments were consistent across development, testing, and production.

**Technologies:** React, Material-UI, Redux, AXIOS, NestJS, PostgreSQL, Swagger, Jenkins, Docker

## **TATA Service Consultancy**

July 2018 - February 2019 | Full Stack Developer | On-site | Zapopan, Jalisco

In the USAA project, I played a pivotal role in transforming the banking platform to enhance user experience and streamline transaction processes. By modernizing legacy systems and ensuring seamless communication between services, I contributed to the project's success in improving banking operations.

- Migrated legacy SOAP-based services to RESTful APIs using Spring Boot, significantly improving the system's response times and adaptability to modern web standards.
- Developed and maintained REST endpoints, allowing for smooth and secure data transfer between banking systems and third-party applications.

- Played a critical role in ensuring that data migration from XML to JSON was handled seamlessly, improving system compatibility and scalability.
- Conducted extensive testing using Postman to ensure the robustness and reliability of new endpoints, guaranteeing that all services adhered to security and compliance standards.
- Collaborated with cross-functional teams to understand business needs, troubleshoot issues, and improve transaction performance.

**Technologies:** SOAP, Spring Boot, XML, JSON, Java, Oracle DB, Postman

## **Thlink**

February 2017 - July 2018 | Full Stack Developer | On-site | Guadalajara, Jalisco

At Thlink, I worked on a wide array of client projects, delivering interactive, high-performing web solutions. I focused on improving user interfaces, integrating third-party services, and ensuring that all websites and applications were responsive and user-friendly.

- Developed and maintained client websites, implementing dynamic and interactive web features using JavaScript, jQuery, and HTML/CSS.
- Delivered custom web solutions for e-commerce clients, optimizing their online stores for better performance, functionality, and user experience.
- Ensured all websites were mobile-optimized, responsive, and adhered to SEO best practices, which helped increase client visibility and traffic.
- Implemented PHP and MySQL for backend processes such as form submissions and data storage, while maintaining database integrity and ensuring data security.
- Collaborated closely with clients to understand their business goals, offering technical guidance and delivering solutions that matched their requirements.

**Technologies:** JavaScript, CSS, HTML, PHP, MySQL, WordPress, API Integration, jQuery

## **Bel Air Collection**

July 2015 - February 2017 | Front End Developer | On-site | Guadalajara, Jalisco

As the lead web developer for Bel Air Collection's portfolio of hotel and restaurant websites, I was responsible for designing, developing, and maintaining multiple websites. My contributions ensured seamless online content management and enhanced the digital presence of luxury hospitality brands.

- Led the design, development, and maintenance of websites for prominent hotels, including Bel Air Collection Resort & Spa, Hard Rock Hotel Guadalajara, and Crowne Plaza, ensuring they were responsive and aligned with brand aesthetics.
- Developed custom CMS platforms using PHP and MySQL, tailored to the needs of hotel staff, allowing them to manage content effortlessly.

- Optimized website performance by implementing responsive design techniques with Bootstrap, ensuring websites were fully optimized for mobile and accessible across all devices. Created dynamic booking engines and reservation systems, integrating them into the hotel websites to allow users to book directly from the site, improving the user experience and increasing bookings.
- Utilized JavaScript and jQuery to implement interactive features and enhance user engagement, such as image galleries, sliders, and interactive maps.
- Ensured SEO best practices were followed, leading to improved search engine rankings and increased traffic to the hotel websites.

**Technologies:** PHP, JavaScript, Java, MySQL, Bootstrap, CMS, jQuery, WordPress

## Grupo DMI

July 2014 - July 2015 | JR Developer | On-site | Guadalajara, Jalisco

At Grupo DMI, I served as a Jr. Developer and technical support specialist for the Intelisis ERP system, focusing on improving the efficiency of internal processes and optimizing the company's database operations. My role spanned both technical development and end-user support, enabling the smooth operation of business-critical systems.

- Provided technical support for the Intelisis ERP system, helping internal customers troubleshoot issues and optimize their use of the platform, which enhanced operational efficiency across departments.
- Developed and maintained SQL queries, stored procedures, and triggers in Microsoft SQL Server to streamline business processes, including generating reports and optimizing data retrieval.
- Improved the performance of internal ERP modules by identifying bottlenecks in SQL queries and refactoring them to enhance database efficiency and reduce execution time.
- Documented processes and provided training to internal users, creating comprehensive guides and manuals to facilitate better understanding and utilization of the ERP system.
- Conducted data analysis and reporting, helping management make data-driven decisions by providing detailed insights into business operations through custom reports and dashboards.

**Technologies:** Intelisis ERP, SQL, Stored Procedures, Triggers, Microsoft SQL Server, SDK

## Education

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**Computer System Engineer** - Instituto Tecnológico Superior de Zapopan