Jose Vega

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Full Stack Engineer

A passionate Software Engineer with 5+ years of experience. A creative thinker and a problem solver, delivering products that are functional and user-friendly. Knowledgeable in back-end and front-end development, proficient in an assortment of technologies and programs, including Heroku, AWS, Git, Firebase, and Braintree. Able to effectively manage projects independently and remotely while ensuring to meet team deadlines and timelines, as well as collaborate in a team setting. Always learning new tools and languages.

SKILLS

Platforms					
MacOS	Linux	Windows			
Technologies					
Ruby	Ruby on Rails	HTML	CSS	SASS	JavaScript
jQuery	Vue.js	React.js	Alpine.js	Node.js	Tailwind CSS
Api Resources	Webpack	MiniTest	FactoryBot	Pundit	SideKiq
Rspec	Bootstrap	Vuetify	Jest	Firebase	Vuelidate
Nuxt.js	Next.js	Postman	Stimulus.js		
Databases					
PostgreSQL	NoSQL	Firestore	Redis		
Others					
Heroku	AWS S3	AWS SNS	AWS Dynamo	Leaflet	Message Bird
Algolia	GCP	AMCharts	Bash	Chart.js	Braintree

WORK EXPERIENCE

Encora (https://www.encora.com/)   **Scottsdale, USA**
Software Engineer III   **(Aug 2021– Current)**

Talent acquisition company that identifies and acquiries skilled workers to meet client needs.
During this time I participated in the following projects:

- **Project: G5 (https://www.getg5.com/)**
  Develop, monitor, troubleshoot and maintain several applications used by the client.
  Main tasks executed in the project:

  - Participate in daily standup meetings, backlog grooming, retro meetings.
  - Improve applications speed by fixing n+1 query issues.
  - Maintain ruby specs for several applications.
  - Track down and fix bugs from HoneyBadger logs.

Technologies: Ruby on Rails, GCP, Airflow, HoneyBadger, CodeClimate, Jira, Javascript, Python, Salesforce, Rspec

Softensity (https://www.softensity.com/)   **Marietta, USA**
Software Developer   **(June 2021– July 2021)**

Talent acquisition company that identifies and acquiries skilled workers to meet client needs.
During this time I participated in the following projects:

- **Project: Liberty Furniture (https://www.mylibertyfurniture.com/)**
  Migration of site from React.js to Next.js
  Main tasks executed in the project:

  - Changed stack from react.js to next.js.
  - Added server-side rendering.
  - Added unit testing using Jest.
  - Successfully build Docker image.
  - Updated UI in favor of a mover user friendly design.

    Technologies: React.js, Next.js, Docker, Material UI, TypeScript, Jest, Urql, GraphQL, RavenDB, Styled Components, Lodash, React Hooks.

OCHO (www.ocho.life)   **Tegucigalpa, Honduras**
Full Stack Developer   **(Oct. 2020 – June 2021)**

OCHO is a food delivery company operating in Honduras.
During this time I participated in the following projects:

- **Project: Administrative Panel**
  CRM for administrative team and business owners.
  Main tasks executed in the project:

  - Added and maintained the unit test suite, Jest, to improve code refactoring and to set best practices.
  - Brainstorm, create and improve on features that are favorable for the end user using Vue.js and Firebase.
  - Refactor the administrative web application to be fully responsive.
  - Developed a ledger to keep track of record movements within the administrative panel compare deeply nested objects using Recursive-Diff package.
  - Implemented Algolia text search for a faster and better user experience to be used in the mobile application.

Technologies: Vue.js, Firebase, GCP services, Vuex, Vue Router, Jest, Algolia, HTML, CSS, Vuetify, Ant Design, Lottie, Moment.js, Vuelidate, Firestore, Firebase Functions, Recursive-Diff, RandomString, Vue-Firestore.

- **Project: QR Menu**
  Client facing menu outside a native application.
  Main tasks executed in the project:

  - A platform where the end user could scan a QR code and display the restaurant's menu and possibility of purchasing from the application using Vue.js and Firebase.

    Technologies: Vue.js, Firebase, GCP services, Vuex, Vue Router, Jest, HTML, CSS, Vuetify, Vuelidate, Firestore, isMobile, Vuex-PersistedState, AOS, Vue-Lazyload, TheMask.

Independent Consultant   **Tegucigalpa, Honduras**
                                                              (Jan 2020– Current)

During this time I participated in the following projects:

- **Project: Sistema de Registro de Cáncer Infatil (www.registrodecancerhn.com)**
  A PWA CRM to manage and monitor potential and current cancer patients. Data collection and analysis to better understand childhood cancer.
  Main tasks executed in the project:

  - Several forms per client's requests with real-time remote form validation via Optimism gem.
  - Role based user authentication.
  - PDF and excel generation and exportation of forms.
  - QR generation and dedicated public page as to present patients' information for medical professionals.
  - Image upload via Uppy and Active Storage.
  - User settings page.
  - Data visualization via Charts.js.
  - GraphQL API to send data to sibling application (https://www.observatoriocancerhn.com/) for data visualization.
  - Implemented PostgreSQL's full text search using pg_search gem.
  - Improved page loading time by adding pagination using Pagy gem.
  - Added user role privileges using Pundit gem.
  - Displays calendarized information using FullCalendar.js

    Technologies: Ruby, Ruby on Rails, HTML, CSS, JavaScript, Stimulus.js, Stimulus Reflex, PostgreSQL, Bootstrap, CarrierWave, AWS (S3), Redis, Pundit, WickedPDF, Devise, FactoryBot, RSpec, Heroku, Pagy.

- **Project: Salva Mi Vida (salva-mi-vida.herokuapp.com)**

A website (still in development) that will serve as a replacement and upgrade from NGO's current main website (https://salvamivida.org/).

Main tasks executed in the project:

- o Displays carousel image via tiny-slider.js.
- o Contact page with email alert.
- o Utilizes AOS to enhance user experience.
- o WYSIWYG integration via Trix and ActionText.
- o User authentication via Google's SSO.

  Technologies: Ruby, Ruby on Rails, HTML, CSS, JavaScript, jQuery, PostgreSQL, Bootstrap, AWS (S3), Devise, FactoryBot, RSpec, Heroku.

- **Project: OtraVez (www.otravez.shop)**
  A PWA E-commerce site for a small clothing store with an administrative panel.
  Main tasks executed in the project:
  - o Timed item reservation prior to checkout, if time expires and no purchase is made, item or items get released again.
  - o Custom filtering and sorting.
  - o Email validation and confirmation for purchases, contact information, etc.
  - o Uses Optimism gem for real-time form validation.
  - o Image upload via AWS S3.
  - o Administrative user authentication.
  - o ImageOptim integration to compress images for better loading times.
  - o Lazy loading of images for better loading times.
  - o Cloudflare integration to speed loading times and take advantage of SSL delivery.

    Technologies: Ruby, Ruby on Rails, HTML, CSS, JavaScript, Stimulus.js, Stimulus Reflex, Redis, PostgreSQL, Minitest, Bootstrap, AWS (S3), Devise, Heroku.

- **Project: Observatorio Hondureño Cáncer Infantil (www.observatoriocancerhn.com)**
  A second tier / sibling project that stems from the Registro Nacional de Cáncer Infatil (https://www.registrodecancerhn.com/) project. Main functionality is to translate the data from Project 1 to the main public regarding statistics and general childhood cancer information in Honduras.
  Main tasks executed in the project:

  - o API consumption via GraphQL GET requests.
  - o Utilizes AOS to enhance user experience.
  - o Uses Lottie web when page is loading to enhance user experience.

    Technologies: Vue.js, Firebase, Vue Router, HTML, CSS, Vuetify, Lottie, Moment.js, Firestore, Firebase Functions, AOS.

- **Project: Online Menu (www. https://wan-fu.netlify.app)**

A website for a small family owned online dim sum shop.
Main tasks executed in the project:

- o   Uses WhatsApp API to send messages.
- o   Image showcase via Vueper-slides.
- o   Added the service worker in order to allow user to save website as a progressive web application.
- o   Static generated site using Nuxt.js.

   Technologies: Vue.js, Nuxt, Netlify, HTML, Tailwind CSS.

SafetySpot Inc. (safetyspot.com)   **New Orleans, USA**
Lead Developer   **(Feb. 2017 – June 2020)**

Safety Spot is a platform-based software as a service (SaaS) that makes organizations and communities safer, more intuitive & efficient for all people through user interaction and network effects.

Main responsibilities include coding, designing, and rapidly integrating and deploying the source code. Constant interaction with stakeholders to identify the best technical solutions or improvements to current features.

During this time I participated in the following projects:

- **Project: Main Application**
  Main tasks executed in the project:

  - o   Effectively translated client requirements into application and systems design.
  - o   Developed a multi-step survey feature that can use questions from a polymorphic form builder, which I also developed, using React.js.
  - o   Improved data upload by creating a self-checking CSV file upload feature.
  - o   Implemented invoice receipt feature connecting to Braintree.
  - o   Interacted with U.S. Universities to integrate Single Sign On feature using SAML2 protocol.
  - o   Created social media presence and developed feature to easily share content from web application to different social media outlets.
  - o   Generated API endpoints to be consumed by mobile device and IoT devices.

    Technologies: Ruby, Ruby on Rails, React, jQuery, HTML, CSS, JavaScript, PostgreSQL, Bootstrap, jBuilder, CarrierWave, AWS (SES, SNS, CloudWatcher, Dynamo), Kaminari, SideKiq, Pundit, Redis, WickedPDF, Cocoon, Acts as paranoid, Devise, Amoeba, Omniauth SAML, Recaptcha, NeverBounce, MiniTest, FactoryBot, Heroku.

- **Project: Blog**

Main tasks executed in the project:
- o Created blog with unique writer privilege for administrative users.
- o Added ability to drag and drop media files and parses them to markdown media format.
- o Full mobile responsive design for better readability and deliverance of information.

Technologies: Ruby, Ruby on Rails, jQuery, HTML, CSS, JavaScript, PostgreSQL, Bootstrap, AWS (S3), Kaminari, Pundit, MiniTest, FactoryBot and Heroku.

- **Project: Sales platform**
Main tasks executed in the project:
- o Created a micro service for sales associates.
- o Added a sales user model to allow whitelisted privileges for sales associates to be able to create organization for new clients.

Technologies: Ruby, Ruby on Rails, HTML, CSS, JavaScript, PostgreSQL, Bootstrap, Pundit, MiniTest, FactoryBot and Heroku.

EDUCATION

Aug. 2012 – Sept. 2014	M.S. in Project Management	Universidad Tecnológica Centroamericana (UNITEC)
Aug. 2006 – Dec. 2010	B.S. in Civil Engineering	University of New Orleans (UNO)

LANGUAGES

Spanish: Fluent   **English:** Fluent

HOBBIES

Write your I enjoy spending time with family and friends.

Exploring latest technologies.

Cooking, gardening, and maintaining a healthy lifestyle