Carlos Valencia Rivero

Full Stack Software Developer

Peru

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PROFESSIONAL SUMMARY

Carlos is a Full Stack developer, whose knowledge of various technologies has helped him and his clients solve many problems. He has been a Team Lead and has developed applications in less than a week for priority releases. He loves to create apps that will be used around the world to make things easier.

TECHNICAL SKILLS

- **Software Design & Development**
  Accessibility, JavaScript, TypeScript, Computer Science, Programming Concepts, Systems Design, Git, GitHub, ReactJS, iOS, Swift, HTML, CSS, Unit testing, End to end testing, React native, PHP.
- **CMSs & E-Commerce**
  Drupal, WordPress, Magento
- **Software Quality Assurance**
  QA Automation Development, Playwright, Jest
- **Operating Systems**
  Ubuntu, Mac OS

- **Design & Media**
  CSS Animation, GSA, Lottie
- **Data Engineering & Data Science**
  SEO, Scrapy
- **Databases**
  Redis, MariaDB, MySQL, PostgreSQL
- **DevOps**
  Docker

EDUCATION & CERTIFICATIONS

- **Computer Science**
  Universidad Nacional De San Agustín, Arequipa, Perú

- **WordPress 2022: The Complete WordPress Website Course**
  Udemy

- **iOS & Swift - The Complete iOS App Develop**
  Udemy

- **Typescript: Complete Guide and Handbook**
  Udemy

- **Swift UI Masterclass 2023 - iOS App Development & Swift**
  Udemy

PROJECTS

- **FRONTEND DEVELOPER | 2024**

  Snapple.com (Retail) – Minor upgrades to new promo and subscription method.

  · Added email subscription with dynamic load of reCAPTCHA 3 load on footer.
  · Creation of emails, welcome email, and promo emails.
  · New Masthead and home modules with new animations with GSAP.

- BACKEND DEVELOPER | 2024

  Almonds.com (Agricultural) – Drupal 9 app to Drupal 10 upgrade

  · Update of emulsify theme to Drupal 10 and Node 20 support.
  · Update of package and module to Drupal 10.
  · Update of CircleCI jobs to new requirements.

- FULL STACK DEVELOPER | 2024

  NerdWallet Merch (Retail) – NW merch page, nerdymerch.com, based on Shopify with Hydrogen based on a Next.JS.

  · Refactor of old Shopify app to new Next.JS app using Hydrogen framework.
  · Served on an AWS Elastic Beanstalk with custom hooks for yarn support.
  · Printify API along with Shopify API usage to get more dynamic content on demand.

- **FRONTEND DEVELOPER | 2023 - 2024**

  DLA Web Redesign (Retail) - New DeutschLA.com design, new web. Improved with Next.JS and Strapi as CMS instead of Gatsby.JS and Drupal.

  · Principal engineer on the system design. Monorepo and single start up command for Next.JS and Strapi.
  · Usage of GraphQL for better typing management.
  · Strapi as an API endpoint for form submission and validation.

- BACKEND DEVELOPER | 2023

  DLA Growth App (Software) - Ruby on Rails app to manage employees' profiles to manage annual professional revisions with custom questions and multiple peers feedback support.

  · Development of database structures
  · Principal engineer on development of back-end features and front-end with Stimulus.
  · Completely Dockerized development with Dev extensions (VS Code) for easier setup (ROR, PDF libraries, PostgreSQL, npm packages)
  · Added Playwright for E2E testing for all stages and user types.

- BACKEND DEVELOPER | 2023

  Almonds.com (Agricultural) - Project maintenance

  · Upgrade of npm package versions
  · Fixed Drupal Layout Builder bug
  · Minor fields fix when added special characters
  · Fixes login access issue
  · Added programmatic title and descriptions for content pages
  · Fixes printable suppliers after Drupal update

- BACKEND DEVELOPER | 2023

  DLA Coffee App (Software) - Project maintenance

  · Fixes for new coffee amount option
  · Added new roles for proper management
  · Minor text and redirections after order request

- BACKEND DEVELOPER | 2023

  Automation Playbooks (Software) - Internal project to automate handbooks deployment using Contentful and a static page generation supporting Rich Text Editors.

  · Implementation of permissions control, exceptions and listing in back-end and front-end.
  · Front-end administration pages development
  · Tech Stacks: Next, React, Contentful

- FRONTEND DEVELOPER | 2023

  KDP Prototype (Retail) - New working system to replace Salesforce proprietary marketing web page using Contentful as CMS and Next.JS

  · Improvement of data access from Contentful with GraphQL
  · Fixed bugs of routing and products not working
  · Tech Stack: Next, Strapi, GraphQL

- FULL STACK DEVELOPER | 2023

  MI Mission Generator (Other) - Implement a website that generates custom videos in the style of Mission Impossible, complete with a voiceover, to send to friends.

  · Integrate the OpenAI API to generate the mission text based on a list of common tasks.
  · Integrate the ElevenLabs API to generate the voiceover.
  · Encode everything together with a base video and make it shareable.
  · Tech Stack: Next.JS, OpenAI API, ElevenLabs API, GCP Cloud Run

- FRONTEND DEVELOPER | 2023

  Snapple Faitcs (Retail) - Auto generation of facts depending on user prompts using OpenAI API

  · Back-end and front-end development with NextJS
  · Logged service data for error control and user interactions
  · Error fault management
  · Video and image generation for sharing experience.
  · Tech Stack: Next, React, Firebase, OpenAI, GCP

- **BACKEND DEVELOPER | 2022**

  MarketTrack (Retail) - Magento 2 ecommerce website, minor bugs and old system updated to stable version.

  · Bug corrections on the backend and front-end.
  · App not deployed yet, lots of issues found from previous development.
  · Tech Stack: Magento, PHP, CSS
  · 2023-09 Added Docker with Dev containers (VS Code) to reduce setup cost, all services (PHP 7.3, Magento, MariaDB) with a single click.

- FRONTEND DEVELOPER | 2022

  DLA Next Day Commerce (Software) - Custom GatsbyJS web with Shopify API as a GraphQL endpoint to sell products with custom templates. Shopify kept as a checkout platform for payments.

  · Creation and connection to the Shopify API from designs.
  · Template for shopping was updated and stable with the latest libraries.
  · Tech Stack: Gatsby, React, Shopify

- BACKEND DEVELOPER | 2022

  Mission Hurst (Software) - Addition of reCAPTCHA as an antispam solution to all forms in www.missionhurst.org (PHP + JS)

  · Spam bots controlled and web forms all working as expected
  · Tech Stack: HubSpot, PHP, JS, CSS

- FRONTEND DEVELOPER | 2022 - 2023

  DLA Coffee App (Software) - Development of a Coffee application to connect staff and clients with the local barista. Users could select any kind of coffee recipe, ingredients, and extra ingredients.

  · Development from scratch with on-development designs
  · Added SSO with Azure and custom user login for barista management
  · App successfully launch with clients and employees
  · Tech Stack: Next, React, Firebase

- FRONTEND DEVELOPER | 2022

  LowesOpenBuilder.com (Software) - Product catalog of 3D assets for download and login screen with Web3 to download exclusive content.

  · Created 3D downloadable product pages, searchable and categorized using Gatsby.
  · Added custom Web3 login with Metamask.
  · Protected downloadable files using Web3 login, to verify NFT ownership and Firebase Storage file streams.
  · Anti-spam issue solved using ReCAPTCHA V2 and headers analysis of requests.
  · Tech Stack: Gatsby, React, Firebase

- FRONTEND DEVELOPER | 2022

  Dr. Pepper (Software) - Salesforce CMS management for website, emails, and many more of the Salesforce ecosystem.

  • Updated email templates to work with all current email browsers/ apps and OS.
  • Maintenance and creation of new promotional pages using Salesforce CMS, CSS, and JS.
  . Added tailwind as CSS-to-JS framework (2024)
  • Tech Stack: Salesforce, HTML, CSS

- FRONTEND DEVELOPER | 2022

  DeutschLA.com (Software) - Deutsch LA informative website with their work and achievements.

  • Added new Page Builder using Drupal Paragraphs module to improve content management experience, all components of a single page on one view.
  • Added new forms using Drupal WebForm as iframe.
  • Created new customizable components from the beginning, cleaner, simpler, and custom Spacing and Separator components to match any desired spacing.
  • Support for old components to be used as a reference on new Paragraphs pattern.
  • Tech Stack: Drupal, Gatsby, React, TailwindCSS

- FRONTEND DEVELOPER | 2022

  DelMonteFoods.com (Agricultural) - Websites of Del Monte to promote their brands and products.

  • Products informative sites using Drupal 9 on a single server.
  • Added content and views with custom Twig templates to fulfill new features.
  • Improved SEO, sitemap.xml, and metatags on the whole site.
  • Improved Readme.MD files for a better development experience.
  • Tech Stack: Drupal, PHP, CSS

- FRONTEND DEVELOPER | 2022

  Wallmart (**Software)** - Website for selling products and landing promotional pages.

  • Support with basic GSAP animations on an Adobe Enterprise CMS.
  • Tech Stack: GSAP, JS

- FRONTEND DEVELOPER | 2022

  Almonds.com (Software) - Drupal app to deliver product information and suppliers of almonds products, recipes, and promotional videos.

  • New features and printing style to PDF for Almonds Suppliers list using Drupal.
  • Migration of Drupal 8 to Drupal 9. Lots of debugging and small code update tasks.
  • Minor bug fixing and deployment of features until May 2022.
  • Tech Stack: Drupal, PHP, JS, CSS

- FRONTEND DEVELOPER | 2022

  Profile (Software) - Internal project to manage candidate and team members' CVs.

  • Development of user email login with a password. Added reset password and confirmation email pages using Firebase and NextJS.
  • Added basic notifications management using Firebase of observers of user CVs changes.
  • Implementation of jest test for user login and inputs with mocked Firebase services and queries.

- **FRONTEND DEVELOPER | 2021**

  RecycleTheJug.com (Software) - Website to make aware of how to recycle jugs made of plastic, mainly Milk jugs.

  • Development of an informative website for California Milk companies as a guide on how to recycle jugs.
  • Custom components made as modules for Drupal 9, use of Storybook to have them organized.
  • Creation of custom animation using CSS, GSAP, and scrollable Lottie animation.
  • Minor maintenance and update of Twig Tweak for better debugging purposes in January 2022.
  • Minor maintenance to add a new promotional video on July 2022.

- FRONTEND DEVELOPER | 2021

  Intranet.Deutschla.com (Software) - Internal website to engage employees with company information, benefits, and documents.

  • Development of an informative website with Drupal 9 as a monolithic app with custom modules to improve benefits access, internal documents, and general information.
  • Integration of Azure single sign-on service for whole company employees.
  • Customization of Drupal Admin and Drupal Theme to match designs.
  • Maintenance tasks in December 2021 - January - February 2022: improved search features, more components as custom modules, and migration of old site using Drupal 8 data to current Drupal9

- FRONTEND DEVELOPER | 2021

  DeutschLA.com (Software) - Deutsch LA informative website with their work and achievements.

  • Improvement of static web pages with the retrieval of dynamic content from a Drupal server as headless GraphQL.
  • Creation of new standard components to avoid code repetition and standardization of Drupal content types.
  • Creation of custom animations using CSS and GSAP.
  • Improvement of code maintainability with Typescript for React and GraphQL fragments and queries.
  • Maintenance work: Creation of new components and minor redesign of components and layout.
  • Tech Stack: Drupal, Gatsby, React

- BACKEND DEVELOPER | 2021

  Brightkey eBooks systems (Research) - Admin eBooks websites of their eBooks stores for management of orders and email confirmation system with temporal links

  • Entire server migration from a Plesk server to a Ubuntu server on AWS LightSail.
  • Migration of FTP code base to a git repository.
  • Update very old PHP, and JS libraries to more stable versions.
  Improvement of eBooks systems using new search and field filtering.
  • Migration of emailing services and usage to AWS SES.
  • Maintenance of app in 2021 and 2022: adding more books and bug solving.
  • Tech Stack: Yii (PHP), CSS, PostgreSQL

- BACKEND DEVELOPER | 2021 - 2022

  QualifAI (Software) - Startup project for client contracts organization.

  • Development of a primary testing approach for unit testing for backend services with local databases or mocked responses.
  • Development and reorganization of database contracts' revision's structure and their create and update mutations.

- FRONTEND DEVELOPER | 2021

  Almonds.com (Agricultural) - Drupal app to deliver product information and suppliers of almonds products, recipes, and promotional videos.

  • Creation of small new content components for the redesign of new Past Presentation page of Almonds conference.
  • Implementation of new search filters and redesign of Suppliers page.
  • Improvement of Drupal's views with print page functionality and customized printing views.
  • Maintenance of Drupal current modules with small modifications to improve end-user easier update and creation of new content.
  • Development of new modules and translation capabilities.

- FRONTEND DEVELOPER | 2021

  7UP, Dr. Pepper, Canada Dry, Snapple (**Retail)** - Many known PHP-based websites promote Keurig Dr. Pepper products and ads campaigns.

  • Creation and maintenance of the new 7UP product's one-page landing page.
  • Development on Snapple web redesign new feature and bug solving.
  • Creation and maintenance of Snapple Meet Fun Guy animated page.
  • Maintenance of A&W product images.
  • Maintenance of Dr. Pepper product on social layout and news organization.
  • Updated Canada Dry product carousel section and layout design.
  • Added new 7UP product and fixed animation in May 2022.

- FRONTEND DEVELOPER | 2020 - 2021

Smartmate (Software) - Business Automation app to make flexible tasks and customizable management of an entire company processes.

· Work on the mobile app to match web features.
· Develop front-end components to match different screen sizes
· Features development and bug fixing of the web application, on both back and front end

- FRONTEND DEVELOPER | 2019 - 2020

Life Extend (Healthcare) - Mobile app to track health data, vegetables eaten, slept hours, fasting hours, and exercises to get an average life span.

· Developed auto-size text feature for components to match different mobile sizes.
· Improved Pillar Button images with horizontal scrolling for user attraction.
· Refactored user times entries and their styles.
· Refactored the Profile tab and user personal data inputs completely as part of a redesigning task.
· Team Lead for the remote Peruvian group part of LifeOmic.
Involved with multidisciplinary teams.
· Server-side issues, microservices
· Tech Stack: React Native, AWS, Xamarin

- FRONTEND DEVELOPER | 2019

GuideCX (Software) - It's a platform for client onboarding to connect employees' tasks, providers' tasks, budgets, sprint planning, and many on-demand features.

· Creation and maintenance of React components.
· Development of new features to engage more users.
· Full-stack web and server development of new features.
· Bug fixing and extra hours of dedication to meet client expectations.
· Tech Stack: React, Ruby on Rails, Styled Components, Hero

- FRONTEND DEVELOPER | 2019

Farmer (Software) - Mobile app to promote local farmers' shops and products.

· Geolocate nearby farmers and promote their products.
· Improved farmers' input location to match exactly with their farms.
· Added capability of uploading and downloading product images for product promotion.
· Tech Stack: React Native.

- FRONTEND DEVELOPER | 2019

Employee Management System (Software) - A small project working as a center of communication for employees. Employees' information, roles, and general company information.

· Development of an internal project for better management of employees.
· Added styles and features from the beginning of the application.
· Tech Stack: React, Styled Components.

- BACKEND DEVELOPER | 2019

Anti-piracy links tracker (Software) - Scrapy server project to search into piracy webs to get all downloadable links recorded.

· Maintain and update existing spiders, and algorithms for data scraping.
· Work on the login feature to improve scraping capabilities.
· Development of Django front-end improvements.
· Bug fixing of dockerized server-side systems.
· Tech Stack: Python, Django, Scrapy.