

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 to solve many problems. He has been a Team Lead and 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 the footer.
 - Created welcome and promo emails.
 - Developed new Masthead and home modules with animations using GSAP.

- **BACKEND DEVELOPER | 2024**

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

- Upgraded Drupal 9 app to Drupal 10, ensuring compatibility with Node 20.
- Updated emulsify theme, packages, and modules for Drupal 10.
- Revised CircleCI jobs to meet 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.
- Hosted on 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 website design. Improved with Next.JS and Strapi as CMS instead of Gatsby.JS and Drupal.

- Principal engineer for the system design. Monorepo and single start up command for Next.JS and Strapi.
- Usage of GraphQL for better typing management.
- Used 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.

- Developed database structures.
- Principal engineer in the development of back-end features and front-end using 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.
- Fixed login access issue.
- Added programmatic title and descriptions for content pages.
- Fixed printable suppliers after Drupal update.

- **BACKEND DEVELOPER | 2023**

DLA Coffee App (Software) - Project maintenance.

- Fixed 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.
- Developed front-end administration pages.
- 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

- Improved data access from Contentful with GraphQL.
- Fixed bugs of routing and products not working.
- Tech Stack: Next, Contentful, 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.

- Integrated OpenAI API to generate the mission text based on a list of common tasks.
- Integrated ElevenLabs API to generate the voiceover.
- Encoded everything together with a base video and made it shareable.
- Tech Stack: NextJS, 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 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 for 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.

- Created and connected 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).

- Controlled spam bots and ensured web forms work 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 launched 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 using 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 - 2024

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 iframes.
- 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 support 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

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

- Support with basic GSAP animations on 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.

- Developed 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 to notify observers of user CV 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.
- Performed minor maintenance and updated 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, added more components as custom modules, and migrated old site data from Drupal 8 to the current Drupal 9.

- 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.
- Improved 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

- Migrated entire server from a Plesk server to an 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

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.
- Developed and reorganized database contracts' revision 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.

- Created small new content components for the redesign of the Past Presentation page of the 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.

- Created and maintained 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.
- Developed 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 an 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.

- Created and maintained 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 their farms exactly.
- 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.

- Developed 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.

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