

Randy Herrera Blanco

Software Engineer

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Professional Summary

Results-driven and highly skilled Full Stack Software Developer with over 10 years of hands-on experience in Software Engineering. Adept at designing and implementing innovative software solutions that enhance functionality and user experience. Demonstrated expertise in both front-end and back-end development, with a solid foundation in software architecture and design principles. Detail-oriented and committed to high code quality, maintainability, and continuous improvement. Familiar with generative AI models such as ChatGPT and GitHub Copilot, and skilled at crafting effective prompts to support development and automation tasks.

Experience

ZOOMTAN | FL, USA

FULL STACK DEVELOPER (April 2024 – Present)

- Maintain and extend critical legacy systems such as Hyperion, the company's point-of-sale application built with PHP and Zend Framework, by addressing bugs and delivering new feature enhancements.
- Support and improve BackOffice, the administrative platform also based on legacy PHP/Zend code.
- Lead the design and implementation of two new Laravel-based applications:
 - ZoomFit - Matrix: Integrated with Matrix fitness equipment to monitor cardio workout metrics, including heart rate recovery and performance scores, enabling automated training feedback.
 - ZoomFit - eGym: Full enrollment and access management system connected with eGym smart machines. Core features include RFID band assignment, machine access control, and automated product provisioning.
- Daily tools and technologies: PHPStorm, DataGrip, Docker, GitHub (via SourceTree), GitHub Copilot, Postman, Termius, and Jira.

CHENMED | FL, USA

FULL STACK DEVELOPER (September 2022 – April 2024)

- Develop and implement software solutions for improving the company's healthcare services and patient experience.
- Developed an internal web application using ReactJS, Javascript, Typescript, Angular, Bootstrap, CSS, HTML and NodeJS, enhancing user experience by implementing responsive design.
- Created efficient API Rest services with Phalcon (PHP) backend and MySQL, resulting in improved data retrieval and processing times.
- Jira, Bitbucket, SonarQube, Jenkins, SourceTree (Git), Postman, PHP Storm, DataGrid, Web Storm, Agile Methodologies, GitFlow, ServiceNow, MacOS.

PARAMOUNT | FL, USA

FULL STACK DEVELOPER (January 2021 – August 2022)

- Collaborate with stakeholders to identify business needs and translate them into technical requirements while keeping in mind the potential impact on user experience and overall system performance.
- Developed internal web application using ReactJS, Javascript, Bootstrap, CSS, HTML and NodeJS to consume content from API.
- Created API Rest service with company content using a Django (Python) and PostgreSQL on database.
- Python, Git, NodeJS, Visual Studio Code, PostgresSql, and Postman, ServiceNow.

FREELANCER | FL, USA

FULL STACK DEVELOPER (November 2021 – February 2022)

- Tropical Party Rental e-commerce web application with a catalog of services and reservations developed using ReactJS, Redux, Javascript, Typescript, Bootstrap, CSS, HTML with an API Rest service in NodeJS, Javascript, ExpressJS, Sequelize and a PostgreSQL DB.
- Consuming third-party APIs like GoogleAPI (Calendar) for events and Brevo Platform (Email services).
- Deployed both frontend and backend on Heroku platform at the beginning migrated to Netlify (Frontend) and Render (Backend) and ElephantSQL(DB), ensuring seamless user experience and scalability.
- Optimize SEO strategies and improve website visibility and organic traffic for e-commerce web application.
- GitHub, JetBrains Suite, Photoshop, Google Analytics, Google Search Console.

AZCUBA | HAVANA, CUBA

FULL STACK DEVELOPER (September 2016 – December 2020)

- Collaborate with the development team to identify and implement new features and improvements for the accounting management system VERSAT-ERP, company web page, Napserver application, and Sonic Music library
- Development of the new version of the accounting management system VERSAT-ERP with Django and ExtJS.
- Napserver application to control sugar store place developed on Laravel (PHP) and Bootstrap.
- Sonic Music library developed on Javascript, Angular using Bootstrap on frontend and Django (Python) Api Rest Framework on backend.
- Gitlab, VirtualEnv, NodeJS, JetBrains Suite, PostgreSQL, JavaScript

UNIVERSITY OF COMPUTER SCIENCE | HAVANA, CUBA

FULL STACK DEVELOPER (September 2014 – December 2016)

- Designing and implementing secure authentication and authorization systems for the ERP software using industry best practices.
- ERP DGSIG (Security Modules and Framework Configuration) to manage business processes with Django (Python) and ExtJS.
- Linux (Ubuntu), SubVersion (SVN), PostgreSQL, JavaScript, HTML, CSS

Education

BACHELOR'S DEGREE | INFORMATIC SCIENCE UNIVERSITY, CUBA

2009 - 2014 Software Engineer, Computer Science

References

YONNYS MARTIN

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786-329-1900

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ALEJANDRO BETANCOURT

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