

KEVIN CASTILLO SANTIAGO

SOFTWARE ENGINEER

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SKILLS

- React, JavaScript/TypeScript, HTML, CSS/SASS, Astro, Next.js, Jest, REST APIs, SQL, Databases, OOP, Java, Spring, PHP, ActiveMQ, WebSocket, Docker, Micro-services, Flux, Git, Jenkins, Linux, Figma, Lightroom, WordPress, C, ASM

WORK EXPERIENCE

Freelance, Full-Stack Developer (Remote)

SEP 2023 - PRESENT

- Designed and implemented ReactJS components for ClashStats, a startup's web application built using Next.js.
- Built case study projects to deepen expertise in modern front-end frameworks and UI/UX design workflows.
- Designed and developed a personal portfolio website to showcase projects and past work experiences.

Hewlett Packard Enterprise, Software Engineer (PR, Remote)

JUN 2019 - AUG 2022

- Led the development of new features, enhancements, and bug-fixes for a micro-services app used in HPE-associated factories worldwide built using React, Docker, Java, Spring, ActiveMQ, and more.
- Identified and implemented solutions for performance, cyber-security and synchronization issues.
- Designed and developed multiple UI views used to monitor the app's health (including all back-end code, API and messaging logic for real-time updates). Improved the UX and general aesthetics of the web app.
- Managed all production environment from release deployments, maintenance, support, to troubleshooting sessions by communicating with clients and multiple teams like Infrastructure, QA, and Cyber-Security.
- Dockerized, improved and maintained Jenkins CI/CD pipeline which automated testing, builds, scans, and deployments.

Ná Lu'um Permaculture Institute, Web Developer (Remote)

NOV 2018 - DEC 2019

- Designed, developed and provided maintenance/support for the 14th International Permaculture Convergence website.
- Developed a plugin to integrate WordPress (PHP) & GoogleSheets (JS) to generate official record of event registration.

Hewlett Packard, Software Engineer (Aguadilla, PR)

JUN 2015 - AUG 2016

- Migrated features from the UI of a Test Executive application from GWT to ReactJS with FLUX.
- Redesigned many views, implemented new features and created reusable React components.
- Researched, identified and fixed performance bottlenecks related to real-time updates and rendering.

Sysdat CREST UPRM, CAPSTONE (Mayagüez, PR)

JAN 2015 - MAY 2015

- Designed the ER diagram, schema and deployed a normalized database (MySQL) to centralize data from CREST members and activities to automate the reports generation submitted to the NSF.
- Developed features in both front-end (AngularJS) and back-end (PHP) such as role-based access control, data input, sign-up, login, session management, menus according to role, and more.

EDUCATION

BSCpE - Computer Engineering (University of Puerto Rico, PR)

AUG 2009 - MAY 2015

- GPA: 3.84/4.00

PROFESSIONAL DEVELOPMENT

Freelance, Travel and Relocation (Chile/Argentina/Uruguay)

AUG 2022 - DEC 2024

- Refined front-end design skills through self-directed study of UI/UX principles, explored new technologies such as Astro and View Transitions API, Figma, and modern design systems to improve interface design and consistency.
- Engaged in cultural immersion while traveling and relocated to Uruguay to pursue new personal and career growth.

Web Development, Certifications and Volunteer Work (South America/PR)

AUG 2016 - NOV 2018

- Studied agricultural practices in various projects across South America, earned a Permaculture design certification and provided web development services. Volunteered in agricultural projects after hurricane Maria's disaster.