Alfredo R. Pabon

WEB DESIGN ENGINEER | REACT, NEXT.JS & HEADLESS CMS

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SUMMARY

Front-End and Web Design Engineer with 7 years of experience building accessible, responsive websites and web applications. Experienced with React, Next.js, TypeScript, WordPress, headless CMS architecture, Figma, and REST and GraphQL integrations. Combines production frontend engineering with responsive design, content workflows, accessibility, technical SEO, and collaboration across design, marketing, product, and engineering teams.

TECHNICAL SKILLS

Frontend

React, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, Bootstrap, jQuery

WordPress and CMS

WordPress, headless WordPress, Advanced Custom Fields, custom post types, taxonomies, shortcodes, WordPress REST API

APIs and Content

REST APIs, GraphQL, JSON, structured content, custom fields, metadata, content workflows, administrative interfaces

Accessibility

WCAG 2.1, Section 508, responsive design, cross-browser compatibility, semantic HTML, keyboard accessibility

Tools and Delivery

Git, GitHub, Jira, Netlify, Vercel, Figma, Sketch

Design and UX

Figma, Sketch, responsive design, typography, visual hierarchy, design implementation

EXPERIENCE

Trane Technologies Remote

Front-End Software Engineer Apr 2022 – Oct 2026

• Built reusable customer-facing components using React, Next.js and TypeScript within a headless CMS architecture.

• Contributed to a multi-step warranty application, implementing interface logic, shared state, form validation and API-backed customer workflows.

• Improved WordPress and headless CMS publishing workflows using Advanced Custom Fields and customized administrative interfaces for content and SEO stakeholders.

• Implemented custom WordPress functionality to support specialized content, publishing, and business requirements.

• Integrated frontend applications with REST and GraphQL services and supported JavaScript-based customer workflows.

• Developed accessible, responsive interfaces from design specifications using React, Next.js, TypeScript, and Tailwind CSS, supporting consistent visual execution across browsers and devices.

• Collaborated with product managers, designers, publishers, SEO specialists, and backend engineers using Jira, Git, and Figma.

Massachusetts Institute of Technology Remote, Part-Time

WordPress Developer Nov 2020 – Present

• Develop and modernize interfaces across a portfolio of more than 30 WordPress websites using HTML5, CSS3 and JavaScript.

• Maintain responsive, cross-browser experiences while supporting WCAG 2.1 and Section 508 accessibility requirements.

• Diagnose WordPress, frontend and content management issues across independently managed websites and implement sustainable solutions for administrators.

• Translate nontechnical requirements into practical technical solutions, documentation and individualized administrator training.

• Support content administrators with WordPress workflows, troubleshooting and site-specific functionality.

Merrill Lynch Contract
Software Developer II Oct 2020 – Nov 2021
• Maintained content for internal and client-facing financial applications using Documentum CMS in a regulated enterprise environment.

• Translated UX designs into responsive, pixel-accurate interfaces using JavaScript, jQuery, HTML5 and CSS3.

• Collaborated with design, development and business stakeholders to deliver production-ready landing pages and application content.

Softworld Consulting & Solutions Contract
Front-End Developer Dec 2019 – Jun 2020
• Designed and developed responsive marketing websites from business and user-experience requirements, translating visual concepts into production HTML, CSS, and JavaScript.

• Modernized legacy pages for responsive behavior, cross-browser compatibility, and improved usability using JavaScript, jQuery, HTML, and CSS.

• Built and integrated structured JSON data covering the company's product catalog, improving the maintainability of product information.

Commonwealth Financial Contract
Software Developer Aug 2019 – Dec 2019
• Developed reusable React components for internal financial applications using React Bootstrap and styled-components.

• Supported enterprise content workflows using ServiceNow and OpenText CMS.

SELECTED WORDPRESS PROJECTS

Custom WordPress & Headless Implementations
• Implemented custom WordPress solutions involving administrative interfaces, custom post types, metadata fields, media library integration and frontend shortcodes.

• Designed structured content models using custom post types, taxonomies and Advanced Custom Fields.

• Connected WordPress content to Next.js applications through the WordPress REST API, supporting archives, individual content pages, filtering and embedded media.

ADDITIONAL EXPERIENCE

Boston Public Schools Dec 2013 – Jun 2017
Spanish Teacher
• Translated complex technical and conceptual material into clear, structured instruction for diverse audiences.

U.S. ARMY NATIONAL GUARD Military Service
CBRN Specialist, Sergeant E5 Mar 2003 – Jun 2011
• Led and delivered training involving chemical, biological, radiological and nuclear operations, safety procedures, and mission readiness.

• Completed overseas deployments supporting KFOR and the Multinational Force and Observers mission in Sinai.

EDUCATION AND PROFESSIONAL DEVELOPMENT

General Assembly, Boston Software Engineering Immersive, 2018

Antioch University, Los Angeles Web Development, 2017

University of Oulu, Finland Master of Education, 2013

InterAmerican University — Puerto Rico Health Education, 2010

LANGUAGES

Bilingual
English and Spanish