

Justin Duplain

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Software Engineer | Veteran | Problem-Solver

Agile and driven software engineer and military veteran. Front-end focused, leveraging 7+ years of professional experience in web design and development. Full-stack qualified: recently certified in JavaScript/Node.js full-stack development. Previous roles include supporting multi-department, 1000+ employee organizations, standing up digital initiatives for \$3.5m projects, and leading small teams in dynamic and fast-paced environments.

Technologies: HTML/HTML5, CSS/CSS3, JavaScript ES6, React, Redux, SASS/SCSS

Skills: Accessibility/WCAG compliance, mobile-first design, UI/UX patterns, object-oriented programming, test-driven development, database design, data structures, algorithms

Tools: Git, GitHub, Adobe CC & XD, VS Code, Chrome Dev Tools, Microsoft Office

Knowledge of: Sequelize, Express, REST APIs, PostgreSQL/SQL, TypeScript

EXPERIENCE

Web and Digital Consultant

10/2021 - 06/2022

SCF Coding Academy, Bradenton, FL

Provided web design, development, and digital services to a local technology training organization.

- Designed and developed websites, landing pages, and interactive custom forms
- Directly contributed to meeting inaugural enrollment goals for web development bootcamp, STEM youth camps, python training programs, and other classes

Web and Digital Marketing Manager

12/2019 - 10/2021

State College of Florida, Bradenton, FL

Managed web properties for the region's largest public College, serving 40,000+ students annually and 1,000+ employees, contributing to 5% higher-than-average enrollment retention. Transitioned to leading digital efforts to stand up a new \$3.6m entrepreneurship center and coding academy.

- Managed the core SCF.edu website, intranet site, and existing subdomains for the College and deployed 5+ additional web domains and digital properties
- Utilized HTML5, XHTML, CSS, JavaScript, WordPress, PHP, and Bootstrap to code, review, and publish thousands of web pages, coordinating with 100+ users across dozens of departments
- Researched, procured, and implemented third-party software, SaaS platforms, and APIs to support operations, to include CMSs, CRMs, training mgmt. software, and co-working platforms

Web Consultant and SCF Lab Instructor

07/2014 - 12/2019

Various, Sarasota, FL

Developed and transitioned full-scale WordPress websites and CRM platforms for small and medium businesses. Managed SCF Art & Design Department Mac computers across 4 buildings & 5 labs.

- Implemented and maintained client WordPress websites and CRM platforms, created associated SQL databases, integrated external databases, and automated backups
- Managed client site deployments, hosting, DNS properties, SEO, and created custom themes
- Used CLI and scripts to deploy, network, and maintain lab, instructor, and faculty computers
- Worked as a web consultant on State College of Florida special projects to improve the UI & UX for various department web pages and sites

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(continued)

Web Designer

06/2013 - 07/2014

Aurora Lighting Group, Clearwater, FL

Digital and web design support for an international corporate development team.

- Designed and coded responsive HTML and CSS for standalone websites, email campaigns, and for use within CMS and mobile applications across 7+ brands
- Contributed to web & application development by providing web design support

EDUCATION

Fullstack Academy - Software Engineering Immersive

01/2022 - 05/2022

Certificate: Full-Stack Web Development, 553 Hours: Developed projects in an Agile, full-time immersive environment using test-driven development methods.

Projects

Chore Quest, Developer: [GitHub Repo](#), [Live App](#)

- A full-stack progressive web app that gamifies family chores
- Technologies: Node, Supabase, Next.js, React, Redux-Toolkit, Tailwind.css, Paypal API
- Focused on data structuring; implemented Redux-Toolkit slices to create store, utilized Supabase APIs to retrieve data asynchronously, implemented filtering with memoization

BookStack, Developer: [GitHub Repo](#) | [Live App](#)

- An Ebook marketplace app created in Node.js with PostgreSQL, Express, React, and Redux
- Created multi-product view and cart components managed through React-Redux & Sequelize
- Contributed to developing the relational database, models and API routes

University of South Florida

M.A., Digital Journalism & Design | 2016

B.F.A., Graphic Design | 2013

MILITARY

Force Deployment Data Analyst, US Marine Corps

- Analyzed, updated, and scrubbed relational data to organize deployment and redeployment of over 400,000 troops + all associated equipment to/from the Middle East
- Led small teams and coordinated globally with multi-national force deployment community to communicate operations, processes, and publications for deployment & data policy
- Managed section Microsoft Sharepoint website for collaboration, file sharing, and operations
- Developed processes and publications to manage Marine Corps Force Deployment policy
- Previous TS/SCI Security Clearance

VOLUNTEER EXPERIENCE

Advisory Board Member, SCF Coding Academy

10/2021 - current

Webmaster & Web Developer, WSLR 96.5 Community Radio

04/2016 - 08/2019