

Christopher Blaylock - Full Stack

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Profile

I'm a former U.S. Navy Nuclear Engineer and Boeing Quality Engineer who discovered my passion for web development through The Odin Project and online tutorials. Proficient in HTML, CSS, JavaScript, and React.js, I bring a conscientious approach to my work. I'm now building full-stack applications by expanding my backend expertise with Node.js, Express, and PostgreSQL.

Work Experience

📅 06/2022 – PRESENT

📍 CHARLESTON, SOUTH CAROLINA

Quality Engineer Boeing

- **Streamlined critical production processes** and led quality-focused initiatives on the 787 program.
- **Reduced production flow by 33%** through improved quality and defect reductions.

📅 06/2017 – 06/2022

📍 CHARLESTON, SOUTH CAROLINA

Nuclear Engineer US Navy

- **Mentored over 1,000** nuclear submarine operators, emphasizing collaborative problem-solving while building confident, capable professionals.
- Led **teams of up to 30** in daily reactor operations, applying strong leadership and communication skills to maintain operational excellence.

Education

📅 02/2024 – PRESENT

Software Development The Odin Project

Comprehensive web development curriculum.

📅 01/2021 – 05/2022

MBA University of Florida

📅 08/2019 – 05/2021

Engineering Management University of Florida

📅 08/2013 – 05/2017

Nuclear Engineering University of Florida

Projects

Portfolio Site

<https://github.com/cblaylock18/portfolio-site-v1>

React, React Router, CSS Modules, Vite

- A single-page app with a custom **image slider**, **Context API**, and a **dark mode** toggle—with a strong focus on a11y and responsive design.

Inventory Management App

Node, Express, PostgreSQL, EJS, express-validator, CRUD

<https://github.com/cblaylock18/inventory-application>

- Built a robust inventory management app from scratch, implementing full CRUD for categories, animals, and foster families with dynamic filtering.

Shopping Cart App

<https://github.com/cblaylock18/mock-shopping-cart>

React, JavaScript, CSS Modules, React Router, Vite, Vitest

- A fully responsive eCommerce-style web app with real-time cart updates and product filtering.
- Integrated **FakeStore API** for dynamic product data, managing state with **React**.
- Deployed on **Vercel**; version-controlled with **Git/GitHub** and tested with **Vitest**.

Memory Card

<https://github.com/cblaylock18/memory-card>

React, JavaScript, CSS, RESTful API

- Built a dynamic memory game with fetched Pokémon cards, using **React** and **Fetch API**.
- Implemented score tracking, random shuffle logic, and a responsive layout.

Skills

① Frontend

React, HTML, CSS, JavaScript, Accessibility (a11y), Jest, Vitest, React Testing Library

① Backend

Node.js, Express, EJS, SQL, PostgreSQL

① Build & Deployment

Git, GitHub, Vercel, Railway, Webpack

① Collaboration

Scrum (CSM), Kanban