

Christopher Blaylock - Full Stack

📍 Goose Creek, South Carolina 📞 3212921504 ✉ cblaylock18@gmail.com 🌐 <https://christopherblaylock.com/>

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

File Uploader

<https://github.com/cblaylock18/file-uploader>

Node.js, Express, PostgreSQL, Prisma, EJS, Cloudinary, Multer, Authentication, Sessions

- A full-stack file management system allowing file uploading, sharing, and organization.

Portfolio Site

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

React, React Router, CSS Modules, Vite, Context API, SPA

- A single-page app with dark mode toggle and a strong focus on a11y and responsive design.

Members Only

<https://github.com/cblaylock18/members-only>

Node, Express, PostgreSQL, EJS, Passport.js, bcrypt, sessions

- A secure members-only message board with sign-up, log-in, authentication, sessions, and roles.

Shopping Cart App

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

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

- A fully responsive eCommerce-style web app with real-time cart updates and product filtering.

Inventory Management App

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

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

- A robust inventory management app, implementing full CRUD for categories, animals, and foster families with dynamic filtering.

Skills

① Frontend

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

① Backend

Node.js, Express, EJS, PostgreSQL, Prisma ORM, Auth (Passport.js, bcrypt.js), MVC Architecture

① Build & Deployment

Git, GitHub, Vercel, Railway, Webpack

① Collaboration

Scrum (CSM), Kanban