

# 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 currently building full-stack applications and growing 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

### Blog API

<https://github.com/cblaylock18/blog-api>

**Node, Express, PostgreSQL, Prisma, JSON Web Tokens (JWT), CORS, RESTful API design, TailwindCSS**

- A full-stack blog site with 2 frontends for role-based access, input validation, and full CRUD.

### 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.

## Skills

### ① Frontend

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

### 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