

# Christopher Blaylock – Full Stack

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## Profile

Former U.S. Navy Nuclear Engineer and Boeing Quality Engineer turned full-stack developer. Proficient on the frontend in **JavaScript** and **React** with backend expertise in **Node.js**, **Express**, **PostgreSQL**, and **REST APIs**. I build accessible, responsive UIs and secure, scalable backend services, and I'm excited to bring a conscientious, growth mindset to professional engineering teams.

Currently focusing on my **Typescript** skills!

## Projects

### Blog Site

<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 (similar to Google Drive)

<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.

### Message Board

<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

### Frontend

React, React Router, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Accessibility (a11y), Vite

### Backend

Node.js, Express, PostgreSQL, Prisma ORM, REST APIs, JWT Auth, Passport.js, MVC

### Tools, Deployment, and Testing

Git, GitHub, Railway, Vercel, Webpack, Multer, Cloudinary, Jest, Vitest, React Testing Library

### Collaboration

Scrum (CSM), Kanban

## Work Experience

📅 06/2022 – PRESENT

📍 CHARLESTON, SOUTH CAROLINA

### Quality Engineer Boeing

- **Authored SQL** reports extracting and analyzing inspection data, supporting ~3,000 improved quality inspections
- **Selected to lead a high-visibility audit** of the 787's main landing gear inspections as part of Boeing's ongoing safety and quality plan

📅 06/2017 – 06/2022

📍 CHARLESTON, SOUTH CAROLINA

### Nuclear Engineer US Navy

- **Mentored over 1,000 nuclear submarine operators** while guiding them through rigorous technical training
- **Led teams of up to 30** in high-stake and high-pressure nuclear reactor operations

## Education

📅 04/2023 – PRESENT

### Software Development The Odin Project

📅 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