

Christopher Blaylock – Full Stack

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Profile

Full-stack developer with prior experience in U.S. Navy nuclear engineering and Boeing quality engineering. Skilled in **JavaScript/TypeScript** and **React** on the front end, and **Node.js**, **Express**, **PostgreSQL**, and **REST API** design on the back end. 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 working on improving my skills with **Docker!**

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 · TypeScript · HTML5 · CSS3 · Tailwind · Accessibility (a11y) · Vite

Backend & Security

Node.js · Express · PostgreSQL · REST APIs · JWT · OAuth2 · MVC · HTTP Header security · Rate-limiting

DevOps, Deployment, & Testing

Git · GitHub · CI/CD · Docker (containerization) · Cloud Hosting · Webpack · Testing Libraries (Jest)

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