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

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

ⓘ **Backend**
Node.js, Express, RESTful APIs, EJS, PostgreSQL, Prisma ORM, Authentication, MVC Architecture

ⓘ **Build & Deployment**
Git, GitHub, Vercel, Railway, Webpack

ⓘ **Collaboration**
Scrum (CSM), Kanban