

Thomas J. Johnson | Web Developer

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GitHub: <https://github.com/hawkishpolicy> | Personal Site: <https://thomas-johnson.netlify.app/>

PROFESSIONAL SKILLS

Proficient: PostgreSQL, Node.js, Express.js, Javascript, React, HTML5, CSS, Git

Knowledgeable: React-Bootstrap

Business & Interpersonal: Management, Leadership, Communication, High-level operations in dynamic and often challenging environments

TECHNICAL PROJECTS

The Autonomous Collective | Fullstack Developer | April/2023 | <https://autonomous-collective.netlify.app>
Designed and built a fully functional fullstack e-commerce site for a book vendor inspired by the early days of Amazon.

- Tech Stack: PERN stack, Bcrypt, React-Bootstrap, and Whimsical.
- Individual Contribution: clean and modern UX/UI with use of React-Bootstrap, responsive context based NavBars, Modals, SideNavs, Cards, and Search.
- Features:
 - Secure Register, Login, and Guest User with hashed passwords via Bcrypt.
 - Guest Users can seamlessly register without losing their order history.
 - Persistent shopping cart for both registered and guest users over multiple devices and between logins.
 - Robust Admin page for the creation of new products, the editing of existing products, and the management of users.

Fitness Tracker | Fullstack Developer | March/2023 | <https://flourishing-mochi-563fc9.netlify.app>
Designed and built a physical therapy focused fitness tracker with User generated and editable workout routines and activities.

- Developed with the PERN stack and Bcrypt.
- Secure Register and Login with password hashing.
- Users are able to create and edit their own workout routines by adding editable activities of their own creation or from other users.
- Routines can be public or private. Public routines are viewable by all registered users.
- Simple but organized UI offers users a reliable experience and quick access to their data.

Arcade | Sole Developer | February/2023 | <https://sweet-squirrel-f41337.netlify.app>
Designed and built a simple but attractive web based version of the classic children's game Tic-Tac-Toe.

- Built using JavaScript, HTML5, and CSS.
- Built the board, updateable game state, and dynamic score using JavaScript.
- Game offers either single player or 2 player modes.

EXPERIENCE

Freelance | Jacksonville, FL

January/2023 - present

- Contract work to help clients build/update web pages, set up servers and databases, with a focus on UX/UI design.

- Charged with completing numerous data and electrical installations across Duval and St. Johns County
- Duties included: managing teams of 3-12 persons, problem solving, procurement, scheduling, coordination, and the deployment of Just In Time resources such as heavy and/or specialized equipment.
- Projects of note include:
 - DCPS Main Nutrition Complex - 3 month ~\$600k installation and integration of a new 1500kw generator and transfer switch.
 - Coordinated subcontractors, code enforcement, and manufacturers to ensure the project remained on schedule.
 - Developed risk mitigation strategies to ensure operation of facility during buildout of new system.
 - Devised redundancies to protect ~\$1.2 million of assets from damage during final integration of the new system.
 - Delivered on time and within budget with no loss of assets.
 - UNF's Robinson Theatre - 3 month ~\$500k retrofit of the theatre with the addition of a new lighting control/dimmer system, house lighting, and stage lighting.
 - Separated personnel into 3-4 man teams to deliver projects goals in parallel vs linear
 - Devised creative rope access plan to mitigate risk, reduce budget, and pad timetable
 - Delivered ahead of schedule and well under budget
 - Main Distribution Panel Installs - ~\$1.2 million aggregate across Duval and St. Johns County
 - Modular Classroom Arrays - ~\$2 million aggregate across St. Johns County.
 - Power Distribution Racks - ~\$1 million aggregate across St. Johns Country.

EDUCATION & PROFESSIONAL AFFILIATIONS

University of North Florida | Jacksonville, FL

Software Engineering Certificate | January/2023 - April/2023

- Full-time, immersive Full Stack Web Development program with focus on pair programming and test based development.

Bachelor of Arts in History | December/2009

Bachelor of Arts in International Studies | December/2009

Phi Alpha Theta | National History Honor Society

Member | 2011 - present