

Thomas J. Johnson | Web Developer

Personal Site <https://thomas-johnson.netlify.app/> | GitHub <https://github.com/hawkishpolicy>
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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.
 - Admin page for the creation of new products, editing of existing products, and 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 Web Developer | Jacksonville, FL
present

January/2023 -

- Build, maintain, and update Wix and Editor X based websites for Concrete and Palm: Branding and Marketing Agency
- Duties include:
 - Optimizing sites for mobile and tablet viewports, ensuring a flowing and user friendly experience, and keeping sites up to date with current best practices and industry standards.

Foreman | A.E.C. Electrical Contractors | Jacksonville, FL

January/2010 - January/2023

- 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
- 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 innovative 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 County

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