

John O'Brien

johnobrien.dev@gmail.com ❖ 484-456-9259 ❖ Bethlehem, PA ❖ [Portfolio](#)

PROJECTS

E-Commerce Platform for Disc Golf Store

- Developed a full-featured eCommerce platform for a disc golf store, enabling users to browse, filter, and purchase a range of disc golf products.
- Designed an intuitive user interface using React and Tailwind CSS, focusing on clear product displays, user-friendly navigation, and a responsive design for various devices.
- Implemented a robust back-end API with Node.js and Express.js for managing product inventory, implementing JWT authentication for user login and protecting sensitive routes for inventory management.
- Integrated AWS S3 for secure image storage, ensuring high availability and efficient delivery of product images to users across different platforms.

[Live Site](#) | [Admin Portal](#)

Blog Content Management System

- Developed a RESTful API for a blogging platform that supports the creation, updating, and deletion of blog posts and comments.
- Designed and implemented a public-facing client-side application with React, allowing users to view and comment on blog posts without needing authentication.
- Created an administrative interface using React for content management, including features for writing, editing, and publishing blog posts, as well as moderating comments.
- Implemented JWT authentication to secure the admin interface, ensuring that only authorized users (admins) can access content management functionalities.
- Configured a MongoDB database for storing blog posts, comments, and associated metadata, with a schema designed for effective content management and retrieval.

[Live Site](#) | [Admin Portal](#)

WORK EXPERIENCE

Cobrizo Geología Ambiental

Feb 2022 – Sept 2022

International Business Support Analyst

Santiago, Chile

- Managed client relationships and provided language support for English-speaking clients, ensuring effective communication and satisfaction through document translation and interpretation.

Sunburst School of Music

Jan 2015 – Jan 2020

Music Teacher and Program Developer

Pittsburgh, PA

- Delivered music instruction and developed educational programs, including private lessons, group band programs, and an instrument rental service to support student learning and business growth.

John Page Classic Guitars

Nov 2017 – Jan 2020

Musical Director

Pittsburgh, PA

- Coordinated live events and marketing strategies, collaborating with artists for successful events and enhancing brand visibility for new guitar models.

EDUCATION

University of Pittsburgh

2015

B.A. Economics, Philosophy, Jazz Studies

Pittsburgh, PA

SKILLS & INTERESTS

- **Skills:** React.js, Tailwind CSS, Express.js, Node.js, MongoDB, RESTful APIs, JWT Authentication, AWS S3, HTML5, CSS3, JavaScript ES6+, React Context API, Fetch API, Express.js, Mongoose, Passport.js, MongoDB, Git, GitHub, Glitch, Netlify, Trello, Postman, VS Code, JWT Authentication, HTTPS, Jest, Vitest
- **Interests:** Guitar, Disc Golf, Yerba Mate, Argentina, Learning Languages