

John O'Brien

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PROJECTS

Tremendo

- Developed a RESTful API with Node and Express.js for a productivity app that enables users to create, update, and delete boards, lists, and cards in a Trello-inspired interface.
- Designed and implemented a user-friendly client-side application with React, allowing users to organize tasks visually and manage their productivity without needing authentication for public features.
- Incorporated a third-party email service to allow email verification on registration and the implementation of a forgot password feature.
- Implemented JWT authentication and email verification to secure user accounts, ensuring that only verified users can access their productivity boards and functionalities.
- Configured a MongoDB database for storing user data, boards, lists, and cards, with a schema designed for efficient data retrieval and management.

[Live Site](#) | [Github Repository](#)

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](#) | [Github Repository](#)

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

B.A. Economics, Philosophy, Jazz Studies

Pittsburgh, PA

SKILLS & INTERESTS

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