RICHARD ROBINSON

(954) 560-2934   MIAMI / FT. LAUDERDALE   richierob62@gmail.com   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS React, Redux, Javascript, Typescript, Node, Express, Ruby, Rails, Apollo, GraphQL, Laravel, PHP, MongoDB, Mongoose, PostgreSQL, MySQL, jQuery, HTML5, CSS3, SQL, git, TDD, Docker

PROJECTS

EVENTLIGHT   (MERN Stack)   live | github
A clone of the popular Eventbrite website implemented with the MERN Stack (MongoDB, Express, React, Node)
- Leveraged Mongoose for object document mapping to the MongoDB database, allowing for easy data access.
- Incorporated both client-side and server-side authentication using JSON Web Tokens, allowing for persistent login even after refresh

TROLLE   (React, Rails)   live | github
A clone of the popular Trello web app
- Incorporated React for a performant UI and Redux to attain reliable, single-source-of-truth state management
- Optimized database access and eliminated N+1 queries by observing SQL, Active Record and JBuilder best practices.
- Leveraged a balance of global and component-based CSS styling to maintain a cohesive theme while keeping component code modular

JUST DECIDE   (MERNG Stack)   live | github
An original app designed to help groups make decisions, constructed with MERN Stack plus GraphQL
- Designed a single endpoint API to allow queries to be as varied as needed without requiring additional server changes.
- Leveraged Apollo Client to manage local state and queries, removing the need for additional state libraries.
- Designed as a mobile-first responsive app, allowing for native-like use on a mobile device

FLIPMASTER   (Vanilla JavaScript)   live | github
A minimalist physics-based skills game written without the use of libraries
- Leveraged the HTML Canvas element for all UI, making it playable in the browser
- Created a rudimentary gravity-based physics engine for more realistic movement and bounces
- Incorporated sprite sheets for fast graphic switching and smooth play

EXPERIENCE

Founder & CEO
RICHARD W ROBINSON LLC   Oct-2017 to present
- Utilized React & Laravel / PHP to build reservedock.com (live), a single page web app created to help warehouse owners hand off dock scheduling to truckers.

Business Analyst & Project Manager
CONVENIENT WHOLESALERS   Jan-2015 to Sep-2017
- Conducted a comprehensive needs analysis and managed the RFP and selection process culminating in the installation and configuration of NetSuite One World ERP
- Built several complex business reports using SQL queries on MS SQL Server resulting in a 15% reduction in average inventory whilst maintaining fulfillment rates.

Chief Operations Officer
REDBK JAMAICA   Jan-2012 to Dec-2014
- Created a data & media management application in Adobe Flex to track and manage all advertising graphics and related data.
- Promoted the company on several TV and in-person appearances, including delivering the keynote address at the product launch

GMAT Instructor - *KAPLAN - (2011)* · **Chief Executive Officer -** *CUTC -* (2008 - 2011) · **Director -** *FOOD FOR THE POOR -* (2001-2008)

EDUCATION

Software Engineering - *App Academy, 2019*
M.Sc. Management Information Systems - *University of the West Indies - Mona, Jamaica, 1997*
B.Eng. Mechanical Engineering & Management Studies - *McGill University – Montreal, Canada, 1985*