BRYAN GARCIA-FELIX

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○ Bryan-GF

» SKILLS

ReactJS, NodeJS, ExpressJS, Javascript, Typescript, Python, C, C#, HTML, CSS, SQL, VueJS

» PROJECTS

SWAP

Swap is a shift trader app, that allows for simple shift management for all parties involved.
ReactJS | Typescript | MobX | MySQL | C# | Azure Cloud | SASS

- Designed and developed the architecture for the relational database utilizing MySQL.
- Implemented an optimistic concurrency control model, to ensure no data is overwritten unintentionally.
- Constructed restrictive role-based authorization system to protect API routes. Supported through JSON Web Tokens and restrictive routing through react routing.
- Utilized Azure Functions alongside C# to design a serverless REST API ensuring scalability, security, and fast response time.
- Developed the application front end using React/Typescript along with MobX for global state management.
- Implemented Pusher ChatKit API, for real-time in-app messaging between users.

Github: https://github.com/Bryan-GF/MyHour

ERUDITION

Erudition utilizes a social community to help you find the most effective, informative resources in a modern era of infinite information, all while allowing you to update your platform of friends and peers on your latest finds!
ReactJS | NextJS | Firebase | MaterialUI | Webpack | Algolia

- Integrated the Algolia search engine API so users can easily find articles and users they are looking for.
- Built a reviews system that allows the users to create, update, share, and delete reviews for an article and creates an aggregate rating based on data provided.
- Implemented responsive design aspects using MaterialUI and CSS, in order to provide the best user interface and user experience possible.
- Developed a global state handling system using React Hooks in NextJS, similar to Redux.

Github: https://github.com/labs11-learned-1

JOTTER

Jotter is a note management app that allows users to access their notes from any location through our site.
ReactJS | Redux | ExpressJS | Bcrypt | PostgreSQL | CSS | KnexJS

- Implemented Redux on the front end of the React application for global state management.
- Used Bcrypt to provide users with secure password storage on sign-up.
- Constructed REST API using ExpressJS and utilized KnexJS for database communication.
- Integrated JSON Web Tokens for user authentication persistence. Allowing the REST API to apply authentication walls, requiring specific credentials.
- Designed relational database architecture with PostgreSQL using KnexJS.

Frontend GitHub: https://github.com/Bryan-GF/front-end-project-week
Backend GitHub: https://github.com/Bryan-GF/back-end-project-week

» RELEVANT EDUCATION & TRAINING

Lambda School · Aug. 2018 to Apr. 2019
Full Stack Web Development & Computer Science 2019
Lambda School is a 7+ month Computer Science & Software Engineering Academy that provides an immersive (full-time, 40+ hours/week) hands-on curriculum with a focus on computer science, software engineering, and web development.

University of Washington · Sept. 2015 to June 2018
Completed 152 credits towards a degree in Informatics - Human-Computer Interaction, but left to pursue specialized education at Lambda School.

» ADDITIONAL EDUCATION

Waseda University · Study Abroad - Japan   June 2017 to Aug. 2017

Yonsei University · Study Abroad - Korea   June 2016 to Aug. 2016