

# Keith Francis Balde

## Software Developer

### PROJECTS

#### Melofy (Spotify Clone) [Live](#) | [Repo](#)

- Utilizes the Redux unidirectional flow to ensure that the currently played music is continuously playing while the user is browsing the app.
- Harness the power of React.js to employ a single page app which results in a smooth browsing experience for users.
- Utilizes HTML and CSS to display, position and decorate the information provided to the users. Also used to create a customized music player for the users to interact with.

#### Angry Circles (Angry Birds Clone) [Live](#) | [Repo](#)

- Applies vanilla javascript to employ DOM manipulation and changes on the HTML elements on the page.
- Utilizes the power of the library of Matter.js to apply physics, such as gravity, friction, density, tension, and torque, to make the game appealing to the player's eyes.
- Uses CSS to position and decorate HTML elements on the page.

#### DynamicRecord [Repo](#)

- A project that is a clone of ActiveRecord which is an Object-Relational-Mapping (ORM) tool in Rails.
- Written in Ruby to employ the metaprogramming aspect of Ruby on Rails.
- Utilizes SQL to make queries that are then sent to the database to retrieve, persist, and/or change data.

### SKILLS

Ruby, JavaScript, C, Java, React.js, Git, Matter.js, Redux, Ruby on Rails, SQL, HTML5, CSS3, jQuery

### EDUCATION

#### App Academy, New York, NY

SEPT 2018 - DEC 2018

- 1000-hour immersive full-stack web development intensive with <3% acceptance rate.
- Topics include: TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps, and web development best practices.

#### University of Central Florida, Orlando, FL

AUG 2017 - AUG 2018

- B.S - Computer Science
- Relevant Coursework: Computer Science I, Computer Science II, System Software, Computer Logic and Architecture, Security in Computing

#### Valencia Community College, Orlando, FL

JAN 2013 - AUG 2016

- A.A - Computer Science
- Member of Phi Theta Kappa Honors Society

### EXPERIENCE

#### Richter's Burgers Co. - Universal Studios

Florida, Florida - *Team Captain*

JUNE 2016 - AUG 2016

- Supervised operations within the restaurant to maintain outstanding service to the guests and ensure a more profitable outcome from the operation of the restaurant.
- Produced reports providing updates on the daily operation and proposals in how to gain more profit from interacting with guests that results in improved service.