**KEVIN YANG**

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Github: <https://github.com/ky1007>

Portfolio URL: <http://kevinyang.co>

**SKILLS**

JavaScript, React, Redux, Ruby, Rails, RSpec, TDD, jQuery, SQL, PostgreSQL, Git, HTML5, CSS3, AWS Certified (2016)

**PROJECTS**

Privy (React/Redux, Rails, PostgreSQL)

Single page, full-stack web application that allows users to publish an anonymous diary

Github: <https://github.com/ky1007/privy>

Live Link: [http://www.privy.site/](http://www.privy.site/#/)

- Ensured user authentication from frontend and backend (via BCrypt) to prevent unauthorized users from editing, creating, or destroying another user’s posts, follows, or reflections

- Built backend model associations between users, posts, comments, and followers in Rails allowing users to write diary entries, follow other users, and reflect on their entries.

- Designed original UI from wireframes using HTML5 and CSS3 and utilized SASS mixins to keep component styling in one place.

KitchenFox (JavaScript, React Native, Redux, Node.js, MongoDB)

# Kitchen inventory mobile app that suggests recipes based on ingredients users have

Live Link: <http://kitchenfox.site>

Github: <https://github.com/gummyBear-Index/KitchenFox>

- Led front-end development in an iOS and Android mobile dev team of four by creating original UI wireframe designs in Balsamiqfor members to follow and reference.

- Divided styling work and guided other teammates how to style layouts using Flexbot and React Native’s StyleSheet APIs. Merged work using Git workflows.

- Taught the team how mobile routing and screen navigation works in React Navigation.

- Created focus groups to test and gather UI/UX requirements and feedback from users, incorporated feedback into new design iterations to re-test and implement.

CREATE (JavaScript, SVG)

Type a story or poem and see those words visualized into shapes and colors on a canvas

Github: <https://github.com/ky1007/CREATE>

Live Link: <http://visualsynthesia.com/>

- Utilized JavaScript event handlers to dynamically respond to user’s keyboard input.

- Created a hash-like function to take in groups of character input to output deterministic shape properties such as size, color, position, and opacity.

- Generated and displayed new SVG shapes using vanilla DOM manipulation without the use of jQuery or any other external JavaScript libraries.

**EXPERIENCE**

Information Technology Specialist

Strateq Health, San Francisco, CA January 2016 - March 2017

- Managed and secured AWS infrastructure for dev and production environments: created IAM policies and users, tightened Security Groups, setup CloudTrail.

- Analyzed overhead AWS costs and potential cost cutting solutions; helped save startup $23,300+/year, approx ~23% savings in server costs.

- Implemented new software tools for team communication (iTops, Slack) after gathering software requirements, cross-evaluating software features, and presenting findings; resulted in consolidated customer issue tracking which allowed agile dev teams prioritize work on issues and new features.

- Managed and enforced regulatory documentation and rules as required by HIPAA safeguards.

**EDUCATION**

App Academy - 2017

Web Development

App Academy is a rigorous 1000-hour software development course with a < 3% acceptance rate. Teaches full-stack web development: Rails, SQL, JS, React, TDD, algorithms, design patterns, and programming best practices. Topics include: TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps, and web development best practices.

The University of Texas at Dallas - Dec. 2016

Bachelor of Science, Information Technology and Systems