

Samuel Kim

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Projects

Instapound (Rails, React, Redux, PostgreSQL)

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

A food-themed, picture sharing app inspired by Instagram

- Ensured double layer of security by encrypting passwords and assigning session tokens to users on the backend and confirming the user matches the session user on the frontend.
- Implemented user asset management for picture uploads with AmazonWebServices S3 via the Paperclip gem.
- Optimize image rendering for a more seamless response by adding paperclip optimizer to Paperclips' processors setting in the model level

Silly Rabbit (JavaScript, CreateJS)

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

An endless runner game inspired by Google Chrome's T-Rex game

- Achieved 60 FPS by utilizing the EaselJS library to create SpriteSheet and Sprite objects.
- Simulated jump physics through TweenJS's tweening interface. Chained multiple Tween to() methods for a smooth animation.

DOMDOMDOM (JavaScript, DOM)

[Github](#)

A JavaScript library inspired by jQuery

- Accomplished AJAX functionality through the XMLHttpRequest API to initialize a request and registering a callback to its onload.
- Handled the addition of multiple event listeners by setting a unique action property to an element and assigning its value to an array of even handlers.

Skills

Ruby

Ruby on Rails

JavaScript

jQuery

React.js

React

SQL

Git

HTML5

CSS3

Java

Education & Training

Rutgers University, New Brunswick, NJ

January 2014

BS in Computer Science

Curriculum Highlights:

Computer Architecture, Data Structures, Systems Programming

App Academy 2016

An intensive 1000-hour web development course with an acceptance rate below 5%

Professional Experience

Tata Consultancy Services

2014-2016

Software Engineer

- Audited many database tables and ensured target tables matched source tables using our propriety data validation tool.