Stephen Lee

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Skills

React.js, Ruby on Rails, JavaScript, Ruby, Redux, Express.js, Node.js, HTML5, CSS3/ SASS, jQuery, SQL, postgreSQL, MongoDB, Amazon Web Services (AWS) S3, Heroku, Webpack

Projects

Painterest   live site | github
React.js, Ruby on Rails, JavaScript, Ruby, Redux, HTML5, CSS3, postgreSQL, AWS S3, Heroku
A fully-functional clone of [Pinterest](#) that enables users to connect and share ideas in the form of paintings
- Implemented fully responsive Masonry layout grid with CSS media queries and Vanilla JavaScript to dynamically display pins for aesthetically pleasing home feed.
- Integrated PostgreSQL and AWS S3 using Rails ActiveRecord associations to streamline cloud-based image storage, reducing server load and optimizing site scalability.
- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, allowing users to only access and make changes to their own content when logged in.

WhatNow   live site | github
MERN stack (MongoDB, Express.js, React.js, Node.js), JavaScript, HTML5, CSS3, Heroku
A MERN stack web application that enables users to spontaneously find activities and events in SF
- Facilitated regular stand-up meetings during project timeline to ensure communication within 4-person engineering team and complete production-ready code within 1-week deadline.
- Created backend skeleton using Node, Express, and MongoDB with RESTful API architecture and user authentication with JSON Web Token.
- Designed and constructed custom modal framework using React component architecture allowing for DRY and efficient development of multiple frontend components.

Metapod Madness   live site | github
JavaScript, HTML5 (Canvas), CSS3
A fully interactive JavaScript and HTML5 Canvas game based on a minigame from Pokemon Stadium
- Built a custom physics engine that supports object collision mechanics which accounts for player-controlled state changes of each character model.
- Employed OOP techniques with HTML5 Canvas and animation frames to craft realistic illusion of depth.
- Integrated Vanilla JavaScript and CSS to deliver smooth user interface for holistic gaming experience.

Experience

HR Information Systems Analyst | January 2018 - August 2019
Landmark Health - Huntington Beach, CA
- Spearheaded implementation, data migration, and integration of ADP with under-budget project completion.
- Launched intranet page with centralized access to policies and forms reducing HR inbox queries by 20%.
- Delivered metrics and reporting solutions for recruiting team to exceed 2018 growth goal of 1000 employees.

HR Analyst | April 2017 - January 2018
Spireon - Irvine, CA
- Streamlined onboarding process for 6 offices with 30% increase in employee onboarding experience surveys.
- Established comprehensive exit process checklist and documents packet to reduce HR inbox queries by 25%.
- Pioneered wellness initiatives which resulted in 50% increase in annual employee culture satisfaction survey.

Education

App Academy | Winter 2019 | San Francisco, CA
Immersive 1000-hour software development course. Coursework: web application development, Test-Driven Development, Scalability, Algorithms, Object-Oriented Programming, RESTful APIs, CRUD, React, Redux, SQL

University of California, Irvine | Spring 2016 | Irvine, CA
BA in Business Economics | Dean's Honors List
Relevant Coursework: Introduction to Programming, Programming with Software Libraries, Discrete Math for Computer Science, Critical Writing on Information Technology