

Vamshi Renduchintala

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San Francisco, CA

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

Skills

React.js, Redux, JavaScript, Node.js, ExpressJS, HTML5, CSS3, Ruby, Ruby on Rails, jQuery, SQL, postgresSQL, MongoDB, Mongoose, AWS, Heroku, Webpack, Render, BCrypt

Projects

Willow

[live site](#) | [github](#)

Clone of Zillow, uses CRUD (Create, Read, Update, Delete), REST API, User Authentication

- React library used to build dynamic interface of functional components, allowing for fast rendering, reusability of components, and increased performance of the application
- Utilized AWS to implement user image uploads, reducing server load and allowing for scalability of image services
- Redux and jBuilder libraries used to carefully manage and craft global application state, efficiently facilitating communication between different components of the application

Smooth

[live site](#) | [github](#)

Interactive day trip planner, allows user to specify their requirements and generate an itinerary (CRUD, REST API, User Authentication)

- Collaborated with team of 5 software engineers, utilizing efficient git and pull request workflow in order to minimize potential merge conflicts and allow for smooth workflow
- MongoDB for the database, along with Node.js and Express.js functioning as the server-side proxy, allowed for scalability and flexibility to handle large amounts of data and traffic load.
- Utilized various React libraries such as Swiper, React DnD, Chart JS along with Google Maps API and GeoCoder API to allow for a visually appealing and user-friendly experience

Deep Space Destroyers

[live site](#) | [github](#)

Interactive Single Player Javascript Game

- Game loops, player input handling, collision detection, and scoring systems, enhancing understanding of game development principles.
- Implemented Canvas API and accompanying game assets to render game elements, manage animations, and handle graphical effects, resulting in a visually appealing interface

Experience

Scientist 2 | October 2017 - January 2023

Cepheid

- Working in Product Transfer department, engaged in cross-functional collaboration with R&D, Project Planning, and Manufacturing to meet 100% of product launch deadlines
- Utilized the proprietary company software (GeneXpert) and digital PCR to conduct Test Method Validations to qualify diagnostic test kits for production, with zero post launch failures or recalls

Education

App Academy | Spring 2023 | San Francisco, CA

Immersive software development course with focus on full stack web development

University of Illinois at Urbana-Champaign | Spring 2017 | Urbana-Champaign, IL

School of Chemical Sciences, BS of Chemical and Biomolecular Engineering