

Vamshi Renduchintala

Full-Stack Software Engineer

408-480-9126

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San Francisco, CA

[Portfolio](#) [Linkedin](#) [Github](#)

Skills

React.js, Redux, Ruby on Rails, Node.js, Express.js, PostgreSQL, MongoDB, SQL, AWS S3, JavaScript, REST API, Git, Webpack, HTML5, CSS3, Render, BCrypt, Python, Heroku

Projects

Willow

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

Inspired by Zillow, user can search and create home listings and book tours

React, Redux, Ruby on Rails, AWS S3, PostgreSQL

- Elevated user engagement and personalization through the implementation of a streamlined custom image and video upload feature, powered by AWS S3
- Enhanced the platform's functionality with Google Maps API and GeoCoder API, delivering interactive property maps and accurate location markers

Smooth

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

Interactive day trip planner, allows user to specify their requirements and generate an itinerary

React, Redux, Express.js, Node.js, AWS S3, MongoDB

- Leveraged Swiper, along with Google Maps API and GeoCoder API to allow for a visually appealing and user-friendly experience
- Introduced an intuitive event planning facet by incorporating the React DnD library, enabling users to fluidly drag and drop events into their personalized itineraries
- Provided data-driven visual insight into each event using ChartJS, offering users an at-a-glance understanding of event duration, ratings, pricings etc, to make informed decisions

Deep Space Destroyers

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

Interactive single player game where user shoots at enemy projectiles that are shooting back

Experience

Scientist 2 | January 2021 - January 2023

Cepheid

- Coordinated prototype builds in manufacturing, created BOMs, SOPs, Work Instructions and testing worksheets required for building a finished good.
- Set manufacturing specifications, validated test methods and manufacturing processes and wrote reports necessary for regulatory IVD filings.

Product Transfer Associate Scientist | October 2017 - January 2021

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) 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