# Vamshi Renduchintala    Full-Stack Software Engineer

408-480-9126     vrenduchintala17@gmail.com     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, RSpec, Jest

## Projects

**Willow |  React, Redux, Ruby on Rails, AWS S3, PostgreSQL**                    [live site](#) | [github](#)

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

- 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 |  React, Redux, Express.js, Node.js, AWS S3, MongoDB**                    [live site](#) | [github](#)

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

- 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 | Javascript, Canvas API**                    [live site](#) | [github](#)

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

## Experience

Cepheid

Scientist II   |   January 2021 - January 2023

- 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

- Working in Product Transfer department, engaged in cross-functional collaborization 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,** Bachelor of Science in Chemical and Biomolecular Engineering