

# Vamshi Renduchintala

## Full-Stack Software Engineer

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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

### 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