

Stuthi Balaji



I am a Web Front-End Developer, specializing in high quality web applications.

EXPERIENCE

Software Engineer at DriveWealth LLC, Jersey City NJ

June 2020 - CURRENT

- Responsible for development and re-architecture of wealth management dashboard application. Work involves building reusable components using React, React Hooks, Redux.
- Implement features such as search, sort, filtering, pagination etc. on different dashboard views containing tabular data along with exporting the data in CSV format.

Freelance Software Engineer, New York NY

NOVEMBER 2018 - June 2020

- Designed and developed custom websites for boutique and medium sized suites.
- Worked on building a music dashboard application using spotify APIs, to enable multiple users to connect to a host.

Software Engineer at Balbix Inc., San Jose CA

NOVEMBER 2017 - NOVEMBER 2018

- Responsible for architecting and developing the following user intensive application dashboards using ReactJS, Material UI, Victory Chart, Lodash, Javascript.
- **User Preferences Dashboard** to manage user profile information, notification and subscription preferences.
- **Insights Dashboard** with navigation tabs to represent system generated insights for a high level display using line charts with custom popups and a detailed view via expanding tables.
- **Mitigation Dashboard** that allows users to apply or override application generated mitigations. The mitigation results are displayed on custom flip-cards and are filterable and sortable.
- Designed and developed a custom reusable dropdown component as a library with features like view/edit control and multi-selection.

Solutions Engineer at eGain, Sunnyvale CA

MARCH 2016 - NOVEMBER 2017

- Building customized web packages for small and medium scale suites. Web page development using eGain REST APIs to extract data and display it using AngularJs and other front-end frameworks.
- Develop interfaces to implement functionalities to cover product gap.

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<https://stuthibalaji.space/>

<https://github.com/stuthib/React-Apps>

EDUCATION

University of California Irvine (GPA: 3.58)

2014 - 2015 // Irvine, CA

Master of Science - Computer Engineering

RNS Institute of Technology (GPA: 3.85)

2008-2012 // Bangalore, India

Bachelor of Engineering - Instrumentation Technology

SKILLS

Programming Languages

JavaScript (ES6+), HTML, (S)CSS

Libraries & Frameworks

ReactJS, React Hooks, Node.js, Express, MaterialU, Semantic, Lodash, Highcharts, Styled Components

Tools & Platforms

Git, Jira

VOLUNTARY PROJECTS

Data Visualization Dashboard

Developed a platform to represent patient mortality information from National Center for Health Statistics by using ReactJS on the client UI and Express.js on the server side. The display is represented in a Grid format and Chart (Sunburst) using Highcharts. Highlights include -

- Pagination for scalability of large dataset.
- Search and Filter along with auto-complete.
- Custom column sort.

Tic-Tac-Toe

Two player game application developed using ReactJS, Lodash and MaterialUI.

Highlights include -

- Countdown timer to track player moves.
- Algorithm to decide the outcome of the game.