

Stuthi Balaji

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

EXPERIENCE

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.
- Customizable Single Sign-on using Security Assertion Markup Language(SAML). Designed and implemented web service which collects data from SAML response and passes it to eGain application for routing.
- Develop interfaces to implement functionalities to cover product gap. and Backup functionalities.

Software Engineer Intern at Kareo, Irvine CA

JUNE 2015 - DECEMBER 2015

- Developed functionality such as dynamically expandable UILabel (custom rendering) based on the input typed by the user, custom UIPickerView (remote data source) to show custom content for customer contact forms.
- Developed a CG Extension, to draw shapes on images with editable properties(color, width, text). Worked extensively on UITableView with custom cells. Built purely in Objective-C using Core Graphics APIs.

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<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, Node.js, Express, MaterialU, Lodash, Highcharts

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.