

HARI PRASAD SURESHKUMAR

9110 Judicial drive, San Diego, 92122

408-663-7809

hariprasad.sureshkumar@gmail.com

EDUCATION

- **Master's in Software Engineering** May 2017
San Jose State University, San Jose, CA
- **B.Tech., Information & Communication Technology** June 2013
Sastra University, Tanjore, India

PROFESSIONAL EXPERIENCE

Member Technical Staff, TIBCO Software

July 2017 – Present

Project Molee -

- Built a next generation localization framework, to automate localization of Tibco Software products which reduced the average localization turnaround time from 3-4 weeks to 2-3 days.
- Built the webapp using Java, React.js, ES6 JavaScript, HTML5, SASS from scratch using agile methodologies.
- Responsive web dashboards, web editor, pagination, search, gamification, bulk import & export, role-based UI.
- Implemented Gmail and LDAP login integration using Node.js, Passport.js and React.js
- Implemented i18n(Internationalization) to support 6 languages using react-intl, cldr.js & moment.js libraries.
- Developed a code converter tool to generate encoded, decoded values of characters and byte stream values supporting 100+ encoding types using Java, Spring boot and React.js

Server-Side -

- Developed the Neural Machine Translation module using Google's NMT Translation API and Amazon translation API which helped reduce the translation cost by 60%.
- Developed the REST API services using Java, Spring boot, Node.js, Express.js and MySQL
- Developed Translation Management, Server cache to manage translations, improve efficiency and reduce processing time.

Text to Speech -

- Built a TTS (Text to Speech) service using Google Cloud TTS and AWS Polly APIs to automate localization of Tibco tutorial videos using Java. It reduced the turnaround time for building tutorial videos from 4-5 days to few hours.
- Used SSML (Speech Synthesis Markup Language), to optimize the length of the localized audios to match the original content length with maximum difference of 2 seconds.

Automation -

- Unit testing using junit, Mocha test framework and Chai assertion library
- API Automation testing using Postman client and Chai BDD.

Migrations -

- Migrated a code base of more than 10,000 lines from React v15 to React v16.
- Developed migration scripts to automate HTML suites from SDL to Flare Madcap using JavaScript. It helped reduce the manual work involved and the turnaround time from days to just minutes.

Web Developer Intern, Kyra & Vir

December 2016 – February 2017

- Designed, developed their product portfolio page, blogs using PHP and wordpress CMS, HTML and CSS3.
- Developed responsive marketing emails for mailchimp which is responsible for 15% of the total traffic.

Web Analyst, Freshworks

May 2014 – June 2015

- Designed and developed web landing pages, responsive emails, implemented A/B testing
- Performed analysis on web traffic using google analytics, created dashboards, charts, reports to monitor ad campaigns

Technical Support Engineer, Freshworks

May 2013 – May 2014

- Provided technical support expertise to clients like developing custom UI portal, custom app integration, data migration and bug fixes using jQuery, JavaScript, HTML and CSS3.

WEB TECHNOLOGIES AND TOOLS

- JavaScript ES6, jQuery, Node, Express, React, Alt.js, Next.js, HTML5, CSS3, SASS, Bootstrap, Webpack, Grunt, Git, JIRA

AWARDS

- Won the best hack award during the FishBowl Hackathon held in April 2017 - [link](#)
Developed prototype for web push notification automation feature for their marketing analytics tool using JavaScript