HARI PRASAD SURESHKUMAR

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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
Senior Member Technical Staff, TIBCO Softwares   *July 2017 – Present*

Working as a Senior front end developer for the Tibco Globalization team as a part of the Engineering services team.

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 5 days.
- Built the webapp using React.js, ES6 JavaScript, Alt.js, HTML5, Bootstrap 3, SASS, Webpack from the scratch.
- Developed responsive dashboards, online web editor, role-based UI, pagination, gamification, TTS, encoding tools.
- 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.

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 Node.js, Express.js, Java Spring Boot, MySQL.
- Developed Translation Management, cache to manage translations, improve efficiency and reduce processing time.

Text to Speech -
- Built a Text to Speech tool using Google Cloud TTS, AWS Polly APIs to automate localization of Tibco tutorial videos using Spring Boot, React which reduced the turnaround time for building tutorial videos by 80%
- Developed an audio sync algorithm to match the length of generated audio files with its source files using SSML.

Automation -
- Unit testing using Mocha test framework, Chai assertion library and UI automation using Selenium webdriver

Migrations & Tools -
- Migrated the entire molee code base 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.
- Built tools to automate generation of release notes from JIRA tickets for several Tibco products using Java

Technical Support Engineer, Freshworks   *May 2013 – June 2015*
- Developed UI portals, custom 3rd party app integrations, data migrations, bug fixes using jQuery, HTML, CSS.
- Designed and developed web landing pages, responsive emails, implemented A/B testing
- Ran analytics on web traffic using google analytics, created dashboards, charts, reports to monitor ad campaigns

PROJECTS & OPEN SOURCE
AuctionFantasy - https://www.auctionfantasy.com/
- Developed a cricket fantasy application with a real time auction room. Users can create their own leagues, pick their team using live auction. Scores would be updated after every match based on players performance
- Tech Stack Used - React.js, Next.js, HTML5, Bootstrap, CSS3, Websockets, SpringBoot, AWS DynamoDb, AWS Amplify

React Search Filter - (react-search-universal)
- Developed a react search filter component which takes array of objects as input and returns the filtered data through callback based on search field input and published it as a npm package

WEB TECHNOLOGIES AND TOOLS
- ES6 Javascript, Node, Express, React, Redux, Next.js, Java, SpringBoot, HTML5, CSS3, SASS, Bootstrap, Webpack, 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