# KRISHNA SAI SURENDRA BABU KALLURI

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## SUMMARY

Front-End Developer with 3 years of experience in developing both web-based & mobile-based applications.

❖ Experience in creating and designing front-end user interfaces using HTML5, CSS/CSS3, SASS, LESS, JavaScript, React Js, Redux, Flex, Node.js, Angular Js, AJAX, DOM, JSX, JSON, jQuery, Bootstrap, XML, Restful.

❖ Experience in client-side languages & frameworks like JavaScript, jQuery, React Js, React-Native, Server- side languages like NodeJS.

❖ Comfortable working with MERN (MongoDB, Express, React Js, NodeJS) stack.

❖ Good experience on customizing CSS frameworks like Bootstrap and Foundation using CSS pre-processors LESS or SASS.

❖ Good Knowledge in analyzing Document Object Modal (DOM) Layout, DOM functions and JavaScript Functions, Cascading Styles across cross-browser using Developer Tool Bar.

❖ Experience in using ReactJS components, Forms, Events, Keys, Router, Redux, Animations and Flux concept.

❖ Experienced in working with Node.JS and NPM modules like http-server, Marathon, path, mongo DB, Micro Services, express.

❖ Familiar in using Unit testing framework like Jest, Enzyme, React-testing library.

❖ Experience in working with server-side technologies and building REST APIs in Python using Django.

❖ Good knowledge with python in using new tools and libraries like numpy, PySide, Pandas dataframe, pathlib, pytz.

❖ Expertise in bug tracking tools like JIRA and Hands on Experience in Jenkins and Maven.

❖ Knowledge of utilizing cloud technologies including Amazon Web Services (AWS), Microsoft Azure.

## TECHNICAL SKILLS

| | | |
|---|---|---|
| HTML/ HTML5 | React JS | MySQL, PostgreSQL |
| CSS/ CSS3 | Angular | Visual Studio Code |
| JavaScript | React-Native | IntelliJ |
| Chakra UI | Node JS | Atom |
| Bootstrap | Redux | Chrome Developer Tools |
| Material UI | Python | Git |
| SASS, LESS | Django | Bit Bucket |

## PROFESSIONAL EXPERIENCE

**COVE TOOL |**MAR 2022 – PRESENT

**Front End Developer**

 **Tools Used:** HTML5, CSS3, JavaScript, React JS, Three JS, Redux, Chakra, React Testing Library.

▪ Using HTML, CSS, JavaScript, React JS, Three.js, and Redux, developed code to turn business requirements into website elements.

▪ Responsible for redesigning Cove tool dashboard with new user interface and more user friendly.

▪ Responsible for adding new features to the load modeling tool, which aids in the calculation of energy generated by the building.

▪ Chat functionality was implemented for consumer interactions with the sales staff.

▪ Redux was used to keep track of states in the stores and dispatch actions.

▪ Implemented react JS code in Mozella, Safari, and FF to tackle cross browser compatibility concerns.

▪ Developing Rest APIs using python to retrieve huge data from databases, upload compressed files to S3 buckets, and deliver the data to a front end to display.

- Involved in bug fixing for new features in both frontend and backend.
- Actively participates in code reviews to ensure that the code's quality and structure are maintained.
- Unit testing was carried out using the Jest and React Testing libraries.
- Interacted with the QA and Research teams to investigate and resolve issues.

## CSS TECH SOLUTIONS |OCT 2021 – FEB 2022
CLIENT: JOHN DEERE
### Front End Developer
 **Tools Used:** HTML5, CSS3, React JS, Node JS, Material UI, Redux, Formik, React Testing Library.

- Responsible for Development of single page application using React.js with Redux, Node.js, Express and LESS.
- ReactJS was used to create numerous web components, while Redux was used to create the model and functionalities for the controller.
- Ability to comprehend and translate business requirements into technological specifications.
- Optimize components for performance across web-capable devices and browsers by translating designs and wireframes into high-quality code.
- Working on capturing the user events and rendering the appropriate action and dynamically rendering the UI based on user actions using React.js.
- Used Jest and React Testing library for performing unit testing.
- Working with business to create high-quality solutions on time utilizing agile approaches and working with operations to guarantee our applications and services are highly available and reliable.

## RIGAS ENTERPRISE IT PVT LTD. |JUN 2018 – NOV 2019
### Front End Developer
- Design, develop, and test a website that fulfills accessibility and web browser standards using HTML5, CSS3, Bootstrap, JavaScript, jQuery, and React.JS, Node, Express.
- Engineered login front end functionality - including RESTful service calls, credential storage, routing, token verification, and error notifications.
- Created reusable React components that is used throughout the application development to reduce excess code.
- Responsible for implementing UI mockups, integrating third party React libraries, and handling/creating Redux store data.
- Designed, built, tested, and improved web products in collaboration with web designers, back-end developers, and UX designers.
- worked on the bug-fixing team to fix significant bugs in ReactJS, Node, and MongoDB for report generation.
- Git was used extensively for version control, and the code was regularly published to Bit Bucket
- Used Jest and Enzyme for performing Unit Testing.

## EDUCATION

**ARKANSAS STATE UNIVERSITY, JONESBORO, AR**
Master of Science in Computer Science – 3.38

## GRADUATE ASSISTANT | SEP 2020 – AUG 2021
- Responsible for the development of e-commerce plant sale website by using ReactJs, Node Js, Express Js, MongoDB.
- Designed Application user Interface with functionalities like Pagination, Page filtering, Search Function, etc.
- **Redux** was used to maintain states in the stores and dispatch actions.
- Developed certain features of the application functionality i.e., **CRUD** (Create, Read, Update, Delete) features using Node and Express.

**Relevant Coursework**: C++, Analysis of Algorithms, Advance Analysis of Algorithms, Statistical Learning Data, Cloud Computing, Mobile Application Development.
**R.V.R & J C College of Engineering, Guntur, India**

Bachelor of Science – Electrical and Electronics Engineering – 8.58.

**Current Learnings**: Python, Django, AWS (Working towards Certification), Angular 9.

## PAPERS AND PROJECTS

- Created a regression model to assess the data and forecast the minimum and maximum temperatures for the following day (Bias correction of numerical prediction model temperature forecast Data Set).
- Developed a mobile based voice-controlled recipe application that can search, browse, and deliver recipes using Java (ReadyCooking).
- Research on Dijkstra Algorithm to find the shortest path between the real-time entities.
- Developed an application where developers may register, login, establish a profile, and see what other developers are up on (Developer Connector).
- Deep Learning Techniques for Object Detection Research.