

# Krishna Sai Surendra Babu Kalluri

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Website: <https://surendra-kalluri.netlify.app/>

## Education

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### Arkansas State University

Master of Science in Computer Science, **GPA 3.4/4.0**

Jonesboro, Arkansas

Jan 2020 - Aug 2021

### R.V.R & J C college of Engineering

Bachelor of Engineering in Electrical Engineering, **GPA 8.58/10**

Guntur, Andhra Pradesh

Sep 2014 – May 2018

## Technical Skills

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**Programming Skills:** JavaScript, Java, C/C++, HTML, CSS, jQuery, Ajax, R language, MySQL, Azure

**Libraries:** React-native, ReactJS, Angular, MongoDB, Node, Express.

**Tools/Technologies:** Hadoop, Spark, Microsoft Azure, IntelliJ, VSCode, RStudio, Jenkins, Jira, Bit Bucket, GIT

**Course Work:** Analysis of Algorithms, Advance Analysis of Algorithms, Statistical Learning Data, Cloud Computing, Mobile Application Development.

## Professional Experience

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### Arkansas State University

Sep 2020 – Jul 2021

Graduate Assistant

- 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.
- Able to perform CRUD operations using queries for **MongoDB**.

### Agrometrics Analytics and Technology

Jun 2019 – Nov 2019

Front End Developer Intern

- Design, develop and addition of new features for the current application built on top of **ReactJs, Node, Express, MongoDB**.
- Engineered login front end functionality - including **RESTful** service calls, credential storage, routing, token verification, and error notifications.
- Responsible for Developing User Interface for mobile application by integrating several modules using **React-Native**.
- Developed and added various components such as tab bars, push notifications, sign in/out features, and navigation.

## Academic Projects

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### Bias correction of numerical prediction model temperature forecast Data Set

- Designed and Developed algorithm that analyze the data set and helps to predict the next-day minimum and maximum temperatures.
- Implemented on several methods like Linear regression, KNN regression and Multiple Linear regression for best method that suits for dataset.

### ReadyCooking

- Developed a mobile based voice-controlled recipe application that can search, browse, and deliver recipes using Java.
- Integrated several features like Voice controlled app browsing, Text to speech recipe guidance, Access to online recipe resources, Basic verbal commands.

### DeveloperConnector

- Designed and Developed application using **ReactJs, Redux, MaterialUI, Formik, YUP, NodeJS, ExpressJs**.
- Integrated application with Several Pages like **Login, Register, Developers Dashboard, Profile, Experience**.

### Note-Taker

- A web application that helps to takes list of items and stores them in local storage by using **React Js** and **React Hooks**.
- User can be able to **Create, Read, Update** and **Delete** Items list.