

Krishna Sai Surendra Babu Kalluri

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

Education

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

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

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**.

Rigas Enterprise IT Private Limited

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.
- worked on the bug-fixing team to fix significant bugs in **ReactJS, Node, and MongoDB** for report generation.
- Involved in all the stages of Software Development Life Cycle like Application Design, Development, Debugging and Testing all applications.

Academic Projects

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.