**Yashwanth Reddy Kandukuri**

Kent, OH-44240 | (330) 903-6859 | [yashwanth.k2199@gmail.com](mailto:yashwanth.k2199@gmail.com) |

# EDUCATION

**Kent State University  *Aug 2021 – Dec 2022***

*Master of Science, Computer Science GPA 3.77/4*

**VNR Vignana Jyothi Institute of Engineering and Technology  *June 2017- May 2021***

*Bachelor of Technology, Electronics and Communication Engineering GPA 8.6/10*

# TECHNICAL SKILLS

|  |
| --- |
| **Programming Languages:** C, Python, Java, SQL, C++, R  **Tools:** GitHub, Eclipse, Visual studio code, Anaconda, MATLAB, Arduino, Jupyter, Excel  **Data Analysis Tools:**  Pandas, Numpy, Scikit-learn, Tensor flow  **Data Visualization Tools:** Tableau, Power BI, Seaborn, Matplotlib  **Machine Learning Framework:** Random Forests, Linear Regression, Decision Trees  **Scripting Languages:** JavaScript, Python, Java, HTML/CSS  **Cloud Services:** AWS  **Soft Skills:** Communication (written and verbal), Problem Solving, Critical thinking, Curiosity, Teamwork, Creative thinking |

# 

**PROFESSIONAL EXPERIENCE**

**KENT STATE UNIVERSITY (Data Analyst) *AUG 2021-DEC 2023***

* Research in the study of existing methods, data collection & management.
* Executed SQL queries to access and analyze data from the relational database for data modeling and reporting.
* Perform data analysis using SQL,R and assessment studies and evaluate results.
* Created Tableau scorecards, dashboards using stack bars, bar graphs, scattered plots, geographical maps, Gantt charts using show me functionality.
* Configured data extraction and scheduled refreshes both incremental and complete refresh depending on the data to improve performance of Tableau reports.

# PROJECTS AND PUBLICATIONS

**Customer Segmentation Analysis for an E-commerce Company *Dec 2022***

* To identify different customer segments in an e-commerce company's customer base and provide insights that can be used to optimize marketing strategies and improve customer retention.

**COVID-19 Global Impact  *Aug 2022***

* A visual representation of the worldwide impact of the COVID-19 pandemic, showcasing infection rates, vaccination progress, and economic effects on a global scale.

**Real Time Chat Application**  ***Mar 2022***

* Developed a multi-user system chat application with an idea for any two students to communicate through the university website.
* Implemented this website using Angular 5, Material UI and used Google Firebase for user authentication, fire store for storing and retrieval of message data, deployed the application in Amazon AWS S3 bucket

**Infection Segmentation of Leaves Using Deep Learning techniques to enhance crop productivity in smart agriculture**

***6th International Conference on Signal Processing, Computing and Control (ISPCC 2K21) by IEEE June 2021***

* Agriculture Plays important role in human existence. Infection classification, detection, and segmentation play a vital role in helping the farmers identify the infection at its budding stage and take the required remedies for it.

# AFFILIATIONS

* Published a paper in IEEE in 2021(Infection Segmentation of Leaves Using Deep Learning techniques to enhance crop productivity in smart agriculture)
* Published a paper in Google Scholar in 2021 (Speech Processed Public Addressing System)
* Certification for completion of “Learning Python for Data Analysis and Visualization” from Udemy