SURESH BABU NAKKALAPALLI

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# EDUCATION



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| **Kent State University**  Master’s in data science  • CGPA: 3.6/4.0  **Little Flower Degree College** | Present  Hyderabad, India |
| Bachelor of Science in Computer Science  • CGPA: 9.20/10.0 | 2019-2022 |
| **Narayana Junior College** | Hyderabad, India |
| Board Of Intermediate Education Telangana   * Subjects: Mathematics, Physics, Computer Science * CGPA: 9.16/10 | 2017-2019 |

# EXPERIENCE



**Academic Translator** May 2021- April 2022

EMBIBE

* Translate various academic materials such as textbooks, research papers, and other educational resources from Telugu to English ensuring accuracy and clarity.
* Translate official documents, administrative forms, student records, and correspondence from Telugu to English, maintaining confidentiality and accuracy.
* Handle sensitive student information with utmost confidentiality and discretion, adhering to data protection regulations and institutional policies regarding the handling of personal data.

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# PROJECTS



**Breast cancer prediction**

* Explore the dataset to understand its structure, including the features available, data types, and any missing or inconsistent values.
* Handle missing values: Impute missing values or remove instances with missing data, depending on the extent of missingness and the nature of the dataset.
* Once the models are trained, analyze the importance of features in predicting breast cancer type (malignant or benign).

For tree-based models like Random Forest or Gradient Boosting, you can extract feature importances directly from the trained models.

* Deploy the selected classification model in a production environment for real-time predictions if required.

**Virtual Mouse using hand gestures**

* Develop algorithms or use pre-trained models to detect and track hand movements in real-time video streams or captured frames.
* Train machine learning models or use predefined gesture libraries to recognize gestures accurately and reliably.
* Control the mouse cursor's movement, position, and speed based on the user's hand movements and gestures.
* Optimize algorithms and processing pipelines to achieve real-time performance with minimal latency.

# TECHNICAL SKILLS



* **Programming Languages:** C, C++, Python, R, HTML, SQL.
* **Operating Systems:** Linux, Unix, Windows
* **Software Tools:** Power BI, Tableau
* **Basic knowledge:** Java, JavaScript

# ACADEMIC ACHIEVEMENTS



* Attended a Two-day Workshop on Drones- Sansah Innovations
* Attended a Three-day Workshop on Arduino Programming – Sansah Innovations
* Attended a Webinar on IOT (Internet of things)
* I have successfully completed a Certificate Advanced Search Engine Optimization (SEO) Certification program.