KOYYADA SAI JATHIN

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EDUCATION

Mahindra University   Hyderabad, India
Bachelor of Technology in Electrical and Electronics Engineering; GPA: 5.85   **June 2022 - August 2024**
Sri Chaitanya Junior College   Hyderabad, India
Intermediate; Percentage:87.4   **June 2018 - August 2020**

SKILLS SUMMARY

- **Languages**:   Python, Basics of SQL, C.
- **Frameworks**:   Pandas, NumPy, Matplotlib, Argo CD.
- **Tools**:   Excel, PowerPoint, Docker, Git, GitHub, Terraform, Ansible,
- **Platforms**:   PyCharm, Jupyter Notebook, Visual Studio Code, Kubernetes, AWS, Linux,
- **Soft Skills**:   Expert Typing, Strong Stakeholder Management, People Management, Excellent communication

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PROJECTS

6T SRAM WITH SENSE AND PREAMP   **September 23- December 2024**
  - SRAM call has been designed and simulated using the Candance virtuoso tool.
  - SRAM suits applications with slow access rates and low power consumption.
  - This paper describes a unique SRAM cell layout that features dedicated sensor and Pre-charge amplifiers to improve data retrieval and storage efficiency

EXPERIMENTAL VERIFICATION OF THE AIRLINE SCHEDULE AND HYPOTHESIS TESTING FOR ACCEPTANCE CRITERIA
                                                          September 23- December 2024
  - Validating the data taken from the Department of Civil Aviation and comparing the data
  - Using the Genetic algorithm.
  - Comparing the flight schedule for hub airports.
  - Performing Null Hypothesis and Student's T distributions

END TO END CI/CD IMPLEMENTATION- Jenkins   **July 24- August 2024**
  - Java-based application using Jenkins declarative pipelines.
  - As part of the application, I have implemented various stages such as build unit testing, static code analysis, SAST, DAST
  - Create docker images and deploy them on the Kubernetes platform using ArgoCD.

CERTIFICATES

Geoprocessing using Python (IIRS)   **August 2023**
  - Mastered fundamental Python syntax, proficiently utilizing control flow, loops, functions, and data structures.
  - Acquired expertise in procedural programming paradigms and associated logical concepts, enhancing capabilities.

Python Fundamentals for Beginners (Great Learning)   **August 2023**
  - Learn the basics of Python, including data types (integers, strings, lists, dictionaries), control flow (if statements, loops), functions, and error handling.
  - These fundamentals provide the foundation for writing simple and effective Python scripts.

Docker Essentials: A Developer Introduction (Cognitive)   **August 2024**
  - the fundamentals of Docker, including what containers are, how they differ from virtual machines, and the benefits of containerization.
  - Learn how to create, manage, and run containers using Docker commands, and understand the significance of Docker images and Docker Hub.