

# SIDDHARTH REDDY ENJAM

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Enthusiastic graduate student with a strong background in Computer Science and Engineering, currently enrolled in the Master of Science in Engineering Data Science program at the University of Houston. My expertise spans across data science, machine learning, and full-stack development. Proficient in Python, SQL, and various big data technologies, I gained valuable professional experience as a Big Data Engineer at Cognizant Technology Solutions.

## EDUCATION:

<b>University of Houston, Houston, TX</b>	Jan 2023 – 2024
Master of Science in Engineering Data Science	<b>CGPA: 3.89</b>
<b>KL University, Vijayawada, Andhra Pradesh</b>	July 2018 – 2022
Bachelor of Technology in Computer Science and Engineering	<b>CGPA: 8.49</b>

## TECHNICAL SKILLS:

<b>Machine Learning:</b> Regression and Classification models	<b>Back-end/Framework:</b> NodeJS, Django, Flask
<b>Data Visualization Tools:</b> Tableau	<b>Databases:</b> SQL, MYSQL, MONGODB
<b>Front-end/Framework:</b> Html, CSS, JavaScript, ReactJS	<b>Operating system:</b> Windows, Linux
<b>Programming and Problem Solving:</b> Python, Java, C, Data Structures, OOPS, SQL, DBMS	
<b>Development Tools:</b> Google Colab, Jupyter, Vscode, Postman, AnyPoint Studio, Oracle	

## PROFESSIONAL EXPERIENCE:

### Cognizant Technology Solutions

Full-time, Bigdata Engineer, Jan 2022 – Dec 2022

- Big Data Engineer with hands-on experience in Python, SQL, and Java programming within Cognizant's dynamic project environments.
- Gained expertise in the Hadoop ecosystem, utilizing Hive and HBase to handle complex data workflows, ensuring efficient data storage and retrieval processes.
- Leveraged Putty and other secure communication tools to maintain and manage large-scale data transfers, focusing on security and data integrity in real-time operations.
- Adept at navigating and delivering solutions in real-time data-intensive scenarios, ensuring robustness and scalability.

### MuleSoft

Intern, MuleSoft Developer, Nov 2021 – Jan 2022

- During my internship at MuleSoft, I embraced the challenge of learning API-led connectivity, which led to my achievement of the MuleSoft Certified Developer - Level 1 certification.
- At MuleSoft, I gained valuable insights into integration patterns, honing my skills in building and testing robust APIs and integrations in practice.
- My time with MuleSoft allowed me to become proficient with the Anypoint Platform, where I learned to design and manage APIs that drive business agility.

## ACADEMIC PROJECTS:

### Satellite Image Classification – Web Application using AWS:

- Spearheaded a satellite image classification project utilizing ResNet convolutional neural networks, deployed on AWS for high-accuracy categorization.
- Seamlessly integrated AWS S3, SageMaker, and EC2, showcasing advanced cloud computing capabilities.
- Crafted an intuitive user interface with Flask, significantly improving user interaction and system accessibility.
- Delivered a robust, scalable solution that combines machine learning proficiency with full-stack development expertise for practical applications.

### Countries of the world:

- Led 'Countries of the World' dataset analysis, exploring economic, health, and technological indicators multidimensionally.
- Excel in Tableau for socio-economic pattern presentation, showcasing expert data visualization and analysis proficiency.

### Motion Capture Hand Postures:

- Led data science project on Motion Capture guiding team in preprocessing, model selection, and hyperparameter tuning.
- Analyzed dataset with 38 attributes from 12 users, optimizing machine learning models for accuracy and feature selection.

### Hostel Outing management System:

- Created a secure Android application using Android Studio, Java, and MySQL to automate the student outing process for hostels. Resulted in streamlined tracking, minimized administrative duties, and elevated user satisfaction.
- Developed three distinct Android applications tailored for students, wardens, and watchmen, along with implementing a secure QR code system for watchmen to facilitate secure access control.

## CERTIFICATIONS:

Google Cloud Certified Associate Cloud Engineer	Sep 2021
ServiceNow Certified System Administrator	Feb 2021
MuleSoft Developer Level – 1	Feb 2022

## LEADERSHIP / EXTRACURRICULAR:

- At KISSS, I led a project training interns in coding, front-end, and back-end for our online clothing e-commerce platform.
- As a team leader at a hackathon, I spearheaded the development of a React-based project focused on blood donation. Our website allows individuals in need of blood to search for donors nearby, facilitating crucial connections during emergencies.