

SIDDHARTH REDDY ENJAM

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An energetic, creative and hardworking postgraduate with Masters and expertise in Engineering Data Science from University of Houston, and computer engineering skills. I work mainly in data analytics, machine learning, and web development, both front-and back-end. Having work experience as Big Data Engineer in Cognizant Technology Solutions, I have used my Python and SQL ability along with various big data product knowledge.

EDUCATION:

University of Houston, Houston, TX	Jan 2023 – 2024
Master of Science in Engineering Data Science	CGPA: 3.9
KL University, Vijayawada, Andhra Pradesh	July 2018 – 2022
Bachelor of Technology in Computer Science and Engineering	CGPA: 8.49

TECHNICAL SKILLS:

Machine Learning: Regression, Classification	Databases: SQL, MYSQL, POSTGRES, MONGODB
Data Analysis and Visualization: Pandas, NumPy, Tableau	Operating system: Windows, Linux
Frontend/Framework: Html, CSS, JS, ReactJS, NextJS	Back-end/Framework: NodeJS, NestJS, Django, Flask, .NET
Programming and Problem Solving: Python, Java, JavaScript, C, C#, Data Structures, OOPS, SQL, DBMS	
Development Tools: 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.

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.