SRIRAM METLA

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EDUCATION

International Institute of Information Technology, Hyderabad
M Tech Computer Science and Engineering   2024 - present

VR Siddhartha Engineering College
B Tech Computer Science and Engineering *CGPA: 9.0*   2019 - 2023

Sri Vidya Junior College
12th MPC *GPA: 9.94*   2017 - 2019

St.Ann's High School, Chirala
10th ICSE *Percentage: 80%*   2016 - 2017

WORK EXPERIENCE

Lumen Technologies   Bangalore
Software Development Engineer   Nov 2023 - July 2024

- Developing Asynchronous API's using NodeJS that interact with multiple systems to provision network services for the customer
- Migrating existing tool based project into a fully flexible, microservice architecture based NodeJS backed application

PROJECTS

ToDo List *HTML5, CSS, JavaScript, PHP*
An easy to use webpage to organize and schedule your day-to-day activities

Certificate Verifcation System *Python, Django, pyTesseract, Tensorflow and openCV*
An easy to use web application where academic certificates issued can be verified to the minute details

SMSensing Network *Python, Tensorflow, ArcGIS*
A SAR Radar based soil moisture estimation approach using Regression CNN

Flight Ticket Booking System *Java, Spring Boot, Oracle SQL, Hibernate, Kafka, Netflix Eureka*
A Java microservice application that provides functionalities to book and manage tickets, it is implemented following all the microservice design patterns and best practices.

COURSEWORK

Data Structures	Algorithms	Computer Networks
Operating Systems	Linear Algebra	Database Management Systems

SKILLS

Programming Languages:	C, C++, Java, Python, JavaScript
Frameworks:	Node JS, Spring Boot, Java Server Pages(JSP), PostgREST
Tools:	Nginx Server, Itential Application Platform
Databases:	MySQL, MongoDB
Development Servers:	Apache Tomcat, XAMPP

CERTIFICATIONS

Linux Essentials   Cisco Netacad, 2021

Programming Essentials in Python   Cisco Netacad, 2021

Specialization Course on C++   Coursera, 2021

DevNet Associate   Cisco Netacad, 2022

PUBLICATIONS

- SMMap: Soil Moisture Content Mapping/Estimation Using Synthetic Aperture Radar (SAR) Data, ICSSIT, 2023.
- Automatic Certificate Verification using Computer Vision, IDCIoT, 2023.

SCHOLASTIC ACHIEVEMENTS

- Got 99.05 percentile in GATE CS 2024, oragnized by IISC, Bangalore.
- Secured a rank of 102 in PGEE Exam conducted by IIIT, Hyderabad.