

Sunke Venkateswarlu

B.Tech - ECE

Sastra Deemed to be university, Thanjavur

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EDUCATION

•Sastra Deemed to be university

Bachelor of Technology in Electronics and Communication Engineering)

2019-23

CGPA: 7.734

•Narayana Jr college, Renigunta - Intermediate

Senior Secondary, Board of Intermediate Education, Andhra Pradesh

2017-19

CGPA: 10

PERSONAL PROJECTS

•Transmission of Secure Data using AES, DES

Oct – Dec 2021

A website based facial authentication system, implemented using a Chrome Extension.

- Proficient in ensuring the utmost importance of information security within the rapidly evolving landscape of digital data exchange. Demonstrated expertise in safeguarding diverse data types prior to transmission. Recognized proficiency in implementing AES encryption, renowned for its superior security and efficiency compared to DES.
- Successfully implemented robust encryption protocols to ensure the utmost data security during transmission, showcasing proficiency in modern encryption techniques.

•Face Mask Detection using Tensor flow, Open CV

Feb – June 2022

A react based web application which allow users to chat in real time.

- Detection of Face Mask at work places had become mandatory during Covid-19. This can be achieved by using Machine Learning techniques such as TensorFlow and OpenCV.
- The initial stage encompasses the Training Phase, where we collected more than 10000 images for training it, where the face mask dataset is ingested and utilized to train adept face mask models.
- Subsequently, the Deployment Phase ensues, entailing the loading of the face mask classifier onto the storage medium, thereby enabling the identification of faces within images and videos.

EXPERIENCE

•COGOPORT

Jan 2023 - Oct 2023

Software Development Engineer 1

Mumbai

- Conceived, executed, and operationalized a holistic framework for presenting Full Container Load (FCL) and Air shipment rates.
- Formulated intricate algorithms and pricing models, enabling precise rate calculations by factoring in variables like weight, volume, distance, and service tiers.
- Innovatively integrated dynamic pricing tactics to enhance market competitiveness and maximize profitability.
- Spearheaded strategic initiatives within the Air International Service sector, contributing significantly to the company's revenue stream by overseeing operations that constituted 30% of the total revenue generation. Implemented optimizations and efficiency measures, resulting in improved service quality and increased customer satisfaction.

•Orange League Ventures

Jan 2024 - Present

Software Development Engineer 1

Mumbai

- Developed microservices to handle specific functionalities or business logic within the NSE website ecosystem.
- Utilized microservices architecture principles to ensure scalability, maintainability, and flexibility of the system.
- Implemented RESTful APIs or other communication protocols for inter-service communication.
- Designed database schemas/models to accurately represent the domain entities and relationships within the NSE website project.
- Led the planning and execution of data migration processes from one database to another, ensuring minimal downtime and data loss.
- Designed migration scripts or procedures to transform and transfer data between different database systems while preserving data integrity.
- As a full stack developer on the NSE website project, I proficiently worked with various databases including MySQL, PostgreSQL, and Oracle, alongside utilizing Git for effective codebase management and team collaboration.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Javascript, HTML+CSS

Libraries : C++, Python Libraries, ReactJs

Web Dev Tools: VScode, Git, Github

Frameworks: ReactJs, Nodejs, FastAPI, Ruby on Rails

Database Managements: MySQL, PostgreSQL

Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming, Database Management System.

Areas of Interest: Web Design and Development.

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

ACHIEVEMENTS

- Solved 400+ DSA problems on LeetCode and HackerRank platforms.