SUNIL VARMA TENALI

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EDUCATION

Indian Institute of Technology Palakkad, Undergraduation
COMPUTER SCIENCE AND ENGINEERING, Currently Pursuing 3rd Year
CGPA 5.84

Narayana Junior Collage, Intermediate   MARCH 2020
Grade 92%

Narayana group of institutes, Secondary School   MARCH 2018
Grade 95.0%

SKILLS

Languages	C/C++,C-sharp,webflow,wordpress, HTML, CSS, SQL, Javascript, Python
Frameworks	React.js, Node.js(basic), Express.js(basic)
Database Systems	PostgreSQL
Soft Skills	Time Management, Teamwork, Communication, Problem Solving, Leadership, Accountability.
Coding Profiles	LeetCode: Myleetcodeprofile, Hackerank: Myhackerankprofile

PROJECTS

Medical Supply Through Drone Course project

- Developed a drone-based system to supply medicines in unavoidable circumstances.
- Worked on Arduino, Arduino circuit, and the dropping mechanism for the medicine delivery.
- Collaborated with Anoop Akkooorath and Anuradha Shankar on this project during July 2022.

Agro Connect Course project - PostgreSql , React.js ,Node.js

- Developed a digital marketplace named Agro Connect, leveraging PostgreSQL for the database backend.
- Utilized React.js for a user-friendly frontend interface, catering to both buyers and farmers, enabling seamless transactions and product showcasing.
- Integrated Node.js to facilitate equipment sharing among farmers, enhancing collaboration and resource utilization within the agricultural community.
- Leveraged nodemon for efficient development, ensuring automatic server restarts and optimizing workflow during project iterations.

Big Data Analysis of JSON Files Course project - Python, pandas, numpy

- In this project, I undertook the analysis of a substantial volume of transaction data stored in JSON files to extract meaningful insights regarding account balances and transaction patterns.
- The analysis aimed to uncover trends that could inform strategic decisions for financial management and customer relationship enhancement
- The project demonstrated the effectiveness of using Python, pandas, and numpy for big data analysis, showcasing my ability to handle and analyze large datasets efficiently.

COURSE WORK

DATABASE MANAGEMENT SYSTEM

- Gain an in-depth understanding of ER model.
- And concepts on protocols related to transaction management.
- And comprehensive utilization of all DBMS functionalities in a PostgreSQL project demonstrated in both frontend and backend.

Graphs Camp by Codeforces Master

- Gain an in-depth understanding of Graphs.
- we mastered 17+ advanced problem-solving techniques in one of the most dreaded topics of DSA - Graphs

EXTRA CURRICULAR ACTIVITIES

Member of pro-show team in petrichor 2023

- Actively participated in organizing the pro show event for petrichor 2023 techno-cultural fest of IIT Palakkad which was a great success.

Member of YACC

- Took part in many boot camps conducted by YACC(Yet Another Coding Club) of IIT PALAKKAD