

SUDHARSHAN GOPALAKRISHNAN

SOFTWARE DEVELOPER



CONTACT

+91 9867372681

sudharshang2004@gmail.com

LinkedIn

Github

SKILLS

- Java
- Python
- C/C++
- SQL, PostgresDB and TimeScaleDB
- HTML, CSS, JavaScript
- React
- Data Mining, Cleaning, Visualization
- Data Analysis, EDA
- Tools: Docker, Git and Postman
- AWS (Basics)

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Tamil (Fluent)
- Telugu (Fluent)



PROFILE

Final-year Computer Science student with expertise in data structures, algorithms, and full-stack development. Seeking a software engineering role at a product-based company to tackle real-world challenges and contribute to building scalable systems.



WORK EXPERIENCE

SymphonyAI

(MAY 2025 - PRESENT)

Python Backend and MLops Intern

- Developed and maintained RESTful APIs using FastAPI and Flask, enabling seamless interaction between machine learning services and client applications.
- Built scalable, modular backend systems integrated with PostgreSQL and TimeScaleDB, improving data handling efficiency.
- Containerized ML inference services using Docker, reducing deployment complexity and increasing reproducibility across environments.
- Wrote comprehensive unit tests and API integration tests using Pytest and Tavern, ensuring reliability and stability of backend services.
- Implemented data validation and serialization using Marshmallow, and collaborated closely with frontend developers to align API contracts and improve user experience.



EDUCATION

B.Tech in Computer Science with Specialization in Data Science

2022-2026

Vellore Institute of Technology | Vellore
CGPA : 8.93

Grade 12

2022

The PSBB Millennium School | Coimbatore
Percentage : 95.2%

Grade 10

2020

The PSBB Millennium School | Coimbatore
Percentage : 96.4%



CERTIFICATES

Microsoft Azure AI Fundamentals -

Demonstrated core knowledge of AI and ML concepts, with hands-on exposure to Azure AI services.

NPTEL Learning Analytical Tools -

Studied data analysis techniques for education systems, including visualization and statistical evaluation.

IBM Data Science Professional Certificate -

Completed end-to-end data science training covering Python, SQL, data analysis, and machine learning.

Deep Learning Specialization - DeepLearningAI -

Gained practical experience in neural networks, CNNs, RNNs, and deep learning deployment using TensorFlow.