

SRIDHAR S

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EDUCATION

KONGU ENGINEERING COLLEGE

B.Tech IN Artificial Intelligence AND DATA Science

2022 - 2026 | CGPA: 7.40

SRI AANOR VIDHYALAYA

HIGHER Sec. CERTIFICATE (HSC)

Completed: 2022 |

Vaikalmettupudhur, India

Percentage: 75%

GV ACADEMY

Sec. SCHOOL CERTIFICATE (SSLC)

Completed: 2020 | Elumathur, India

Percentage: 70%

LINKS

LinkedIn: Sridhar

Leetcode: Sridhar

GitHub: @Sridhar

COURSEWORK

Data Structures

Python Programming

Data Processing and Visualization

Machine Learning

Java Programming

Design and Analysis of Algorithms

Database Management Systems

Operating Systems

Deep Learning

Web Technology

Big Data Analytics

Text and Speech Analytics

Image and Video Analytics

SKILLS

Programming: C • Python • Java •

JavaScript • SQL

Web Development: HTML • CSS • React

• Bootstrap • Node.js • Express.js

Database: MongoDB

Frameworks/Libraries: TensorFlow •

LangChain • Hugging Face

Web Scraping & Automation: Selenium •

Beautiful Soup

NLP: Sentiment Analysis • Sarcasm

Detection

Tools: Git

CERTIFICATIONS

MICROSOFT CERTIFIED: AZURE AI ENGINEER ASSOCIATE

- Issued by: Microsoft
- Date Achieved: December 2024

PROJECTS

RECIPE FINDER CHATBOT

- Built a dynamic recipe finder using Groq API for personalized recipes and Pexels API for images.
- Real-time response streaming for recipe suggestions.
- Tech Stack: Python, Groq API, Pexels API, Streamlit

FETAL HEALTH CLASSIFIER

- Developed a machine learning-based app to classify fetal health conditions into Normal, Suspect, or Pathological using Decision Trees and Random Forests.
- Integrated real-time predictions and visual analytics with Streamlit.
- Tech Stack: Python, Scikit-learn, Streamlit, Pandas, NumPy, Matplotlib, Seaborn

FRACTURE CLASSIFIER

- Developed a deep learning app to classify medical images into Fractured and Non-Fractured using ResNet-50.
- Integrated real-time predictions and class imbalance handling with Streamlit.
- Tech Stack: Python, PyTorch, Streamlit, Imbalanced-learn, Pandas, NumPy

CLIMATE CHANGE ANALYSIS (1961–2022)

- Analyzed global temperature trends to identify climate change patterns across 100+ countries.
- Built Power BI dashboards for temperature change comparisons and risk analysis.
- Tech Stack: Python, Pandas, Power BI, SQL, Matplotlib, Seaborn

ACHIEVEMENTS

- Top 50 Software Edition of Smart India Hackathon (Internal Hackathon at College Level)
- Finalist in Hacknovate 24-hour Hackathon (CSD Department)
- 1st Prize in Paper Presentation at PSG College of Technology
- 2nd Prize in Intra-Department Symposium (Newell's Event)
- Top 5 in Ideathon for Proof of Concept (POC) Demonstration at the Department Level