

Sai Dinesh

✉ sd3005130@gmail.com

☎ +91 8688780652

in [sai-dinesh](#)

🔗 [saiDinesh22048](#)

CAREER OBJECTIVE

Aspiring computer science student specializing in AI, with proficiency in C, Python. Experienced in developing AI models and algorithms, with a good foundation in machine learning and data analysis using Python. Skilled in data analytics with Power BI and Python, and experienced in web development. Demonstrates excellent interpersonal skills, capable of working effectively in teams, and managing responsibilities independently. Eager to contribute to and grow within an organization long-term.

EDUCATION

B Tech in Computer Science and Engineering(AI)

Oct 2022 –Aug 2026

- Amrita Vishwa Vidyapeetham
- CGPA: 9.08

Intermediate MPC

Aug 2020 –Aug 2022

- Percentage : 96.4

10th Std SSC

Apr 2020

- Percentage: 99.5

PROJECTS

AI-Powered Real-Time Route Optimization System(web app)

- Developed an AI-driven navigation system that dynamically optimizes routes based on real-time traffic, weather, and air quality conditions, reducing delays and fuel consumption
- Tools/Techniques Used: Python, A* Search Algorithm, Google Maps API,JS, Flask, React

Cerebral stroke predictor(web app)

- Build a tool for predicting the risk of cerebral stroke by taking the required inputs from patients.
- Tools/Techniques Used: Streamlit, Machine Learning, Github

Image Steganography (web app)

- Build a web app for sending stego image(image obtained after hiding secret image in cover image using deep learning architecture) to the receiver and receiver will extract the secret image from stego image .
- Tools/Techniques Used:Streamlit, Deep Learning, Github

ACHEIVEMENTS

- Topper of Data Science course(NPTEL)
- Vidyadhan scholar
- Published a research paper titled “Comparative Analysis of Machine Learning, Deep Learning, Statistical Models on Credit Risk Prediction” in IEEE Explore.[10.1109/AIDE64228.2025.10987509](https://doi.org/10.1109/AIDE64228.2025.10987509)

SKILLS/TECHNOLOGIES

Languages: : C , Python ,SQL,PLSQL

Web Development : HTML, CSS 5.0, ,JAVASCRIPT ,DJANGO,MERN

Data Analytics : POWERBI,PYTHON

Data Science and Machine Learning: with Python

CERTIFICATIONS/UPSKILLING

Data Science and Engineer (NPTEL CERTIFICATION) - 90%(Elite + Gold)

Big Data Analytics(NPTEL CERTIFICATION) - 78%(Elite + Silver)

LANGUAGE PROFICIENCY:- English(Conversational) , Hindi(Conversational) , Telugu(Native)