

SUDHARSHAN R

Artificial Intelligence & Data Science Engineer

+91 7358498414 | rsudharshan2004@gmail.com | Chennai

Github: <https://github.com/sudhar3084>

LinkedIn: <https://www.linkedin.com/in/sudhar-sh84a153306/>

ABOUT ME

A motivated B.Tech final-year student specializing in Artificial Intelligence and Data Science, seeking an entry-level role to apply my programming, AI/ML, and UI/UX skills in real-world environments. Passionate about building intelligent systems and exploring areas like cybersecurity, cloud technologies, and digital innovation.

EDUCATION

Anand Institute of Higher Technology , Kazhipattur	2022 – 2026
B.Tech – Artificial Intelligence and Data Science	CGPA: 7.63
Bhuvana Krishna Matriculation Higher Secondary School , Kelambakkam	2022
Higher Secondary Certificate (HSC)	Percentage: 71%
Bhuvana Krishna Matriculation Higher Secondary School , Kelambakkam	2020
Secondary School Leaving Certificate (SSLC)	Percentage: 75%

PROJECTS

GateGuard AI – Intelligent Campus Security System	2025
Developed an AI-powered campus access control system using face verification on a Raspberry Pi with live camera integration. Applied computer vision and deep learning for real-time face detection and recognition against an authorized user database. Built a dashboard with instant unauthorized access alerts, entry logs, and image storage – reducing manual supervision significantly.	
AI Music Generation Model	2024
Built an AI-driven music composition system using Generative Adversarial Networks (GANs) to generate beats, melodies, and songs from user inputs, leveraging TensorFlow , Librosa , and MIDI processing libraries.	
AI-Based Text-to-Image Generation Model	2023
Developed a generative AI system using diffusion models and attention mechanisms to convert text prompts into realistic or artistic images for content generation and design use cases.	

WORK EXPERIENCE

Arul Technologies , Chennai	2024
AI & ML Intern	(4 Weeks)
Gained practical exposure to supervised and unsupervised learning, data preprocessing, and model evaluation. Applied ML algorithms to real-world datasets, strengthening core skills in data analysis and model building.	

SKILLS

• Python	• UI & UX Design	• Deep Learning
• C Programming	• Large Language Models	• Time Management
• HTML & CSS	• RAG	• Teamwork & Leadership
• Frontend Development	• Model Fine-Tuning	

ADDITIONAL INFORMATION

Languages: Tamil, English, Hindi

Interests: Cybersecurity, Digital Marketing, Cloud Technologies, Game Development, Robotics

Hobbies: Logo Designing & Creative Brand Visuals, Exploring New AI Tools and Technologies