

# S A SRIHARAN

3<sup>RD</sup> YEAR BTECH

ELECTRONICS AND COMMUNICATION ENGINEERING (DATA SCIENCE)

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## ABOUT ME:

Final-year BTech student in Electronics and Communication Engineering with specialization in Data Science. Skilled in data science, data analytics and circuit design with hands-on experience in embedded systems and AI tools. Passionate about solving real-world problems using AI tools and digital content and looking to contribute to a fast-paced growth team where I can wear multiple hats and learn at high speed.

## SKILLS:

Tech & tools: Python, Excel, SQL and ChatGPT.

Hardware: PCB Design, Verilog HDL, 8051 Assembly.

Skills: Marketing, problem solving, communication, leadership, team collaboration, logical reasoning, and presentation skills.

## EDUCATION:

SRM Institute of Science and Technology, Kattankulathur, Chennai.

BTech: Electronics and Communication Engineering with specialization in Data Science (2022-2026)

CGPA-7.17

URC Palaniammal Matric Higher Secondary School, Erode, Tamil Nadu (2016-2022)

Class 12th: 80.8%(2022)

Class 10th: 81.5%(2020)

## CERTIFICATIONS:

- Industrial Training on "Thermal Management in Electronics" - Center of Excellence for Electronic Cooling.
- PixelX 24-hours Designathon - SRM Institute of Science and Technology.
- Professional Development Programme – Emerging Trends in Artificial Intelligence at SRM Institute of Science and Technology.
- DBMS Course - Master the Fundamentals and Advanced Concepts.

## LINKEDIN PROFILE:

[www.linkedin.com/in/sriharan-sa-baa419360](https://www.linkedin.com/in/sriharan-sa-baa419360)

## INTERNSHIPS:

1) PCB CAD Tools Training at Anna University, Chennai. From 18<sup>th</sup> to 28<sup>th</sup> Jun 2024.

- Hands-on experience with PCB layout, schematic design and circuit simulation tools.

2) Intern at Sakthi Transformers, Chennai from 9<sup>th</sup> to 27<sup>th</sup> Dec 2024.

- Assisted in the inspection and testing of power transformers and control systems.

3) Marketing Intern at CORIZO from 11th Dec 2023 to 10th Jan 2024.

- Promoted tech courses and webinars, improved outreach by digital marketing efforts, learned business solutions and client management by market research.

## PROJECT:

Built an AI-powered wildlife classification app using Streamlit, ResNet embeddings, and logistic regression. Integrated Google Maps for species mapping, visualized population data, and implemented RAG-based Q&A using LangChain and Gemini for intelligent wildlife conservation assistance.

## LEADERSHIP & ACHIEVEMENTS:

- Committee Head at MILAN 2025, SRM Institute of Science and Technology. Coordinated the team.
- Participated in "Logovation", Erode Sengunthar Engineering College. Learning experience in creative thinking, design innovation and problem-solving.
- Presented a technical paper at ASTHRA 2K23, Karpagam Institute of Technology. Enhanced research, public speaking skills and technical documentation.
- Participated in "Hackathon - Data Science Escape Room", Erode Sengunthar Engineering College. Gained hands-on experience in problem-solving, data analysis and team collaboration.
- Attended All-India workshop on "Sensors and IoT for Smart Healthcare", learned about real-time monitoring, sensor integration, IoT applications, and healthcare technology advancements.