


# LOGESHWARAN S

AI and Data Science Researcher

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## CAREER VISION

Aspiring AI and Data Science professional seeking roles as a Data Scientist about leveraging AI and data-driven solutions to solve real-world problems and drive innovation. Eager to contribute my skills and abilities to contribute to the growth of the company in every way I can.

## EDUCATIONAL QUALIFICATION

### B. Tech – Artificial Intelligence and Data Science

Kongunadu College of Engineering & Technology,  
Trichy.

CGPA: 9.81 (Pursuing)

2022 – Present

**Key Subjects:** ML, DL, DSA,  
Python, Neural Networks.

### Schooling – SSLC & HSC

Kurinji Educational Institutions, Namakkal.

Percentage: 91.2%

2019 – 2022

## SKILL SET

- **Technical Skills :** Data Analysis | Deep Learning | Generative AI | NLP | Computer Vision
- **Frameworks & Tools:** TensorFlow | OpenCV
- **Programming Skills :** Java | Python
- **Functional Skills :** Novelty Thinking | Problem Solving | Logic Building | Leadership skill

## INTERSHIPS

- ❖ **Data Science Intern** - Postulate (AICTE Internship) *3<sup>rd</sup>, January 2025 – 3<sup>rd</sup>, February 2025*
  - Worked as one month Data Science intern covering data analytics tasks, leveraging **machine learning techniques** to extract meaningful patterns.
- ❖ **Web Development Intern** - Infoem Solutions *1<sup>st</sup>, July 2024 – 15<sup>th</sup>, July 2024*
  - Developed **interactive frontends** and functional backends, enhancing user experience through web technologies in my 15 days internship at Infoem Solutions .

## CORE PROJECTS

- ❖ **Brain Tumor Classification Using EfficientNet** *January 2025 – March 2025*
  - Trained an AI model using EfficientNet for brain tumor classification with 92% accuracy.
  - Processed more than 10,000 MRI scans to enhance diagnostic precision in medical imaging.

### ❖ **AI-Powered Neonatal Vital Monitoring**

*October 2024 – January 2025*

- Constructed an AI-based neonatal health monitoring system using LSTM, OpenCV, and IoT sensors.
- Achieved 95% anomaly detection accuracy, analyzing real-time vitals from neonates.

### ❖ **Gen AI-Based Smart Education System**

*July 2024 – October 2024*

- Designed an AI-driven education system using Gemini AI for personalized learning.
- Integrated smart content generation, automated assessments, and improves students learning rate.

## COURSES AND CERTIFICATIONS

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❖ **Certified Courses :** Data Science | Python Programming | Web Development | Machine Learning | Generative and Agentic AI

❖ NSS National Certification for Social Service Contributions.

❖ Certified Seminar Attendee – **G20 Global Connect Seminar**, Anna University, Chennai.

- Presented insights on "The G20 New Delhi Leadership Declaration and the Emerging World Order" and its technological impacts.

## ACHIEVEMENTS

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❖ Presented a project on **Skin Disease Prediction Chatbot** in a Project Expo at Muthayammal College of Engineering and Technology and Secured the **1st Prize**.

❖ Delivered a paper on **DNA Digital Data Storage Technology** in a Symposium at Bannari Amman Institute of Technology and Secured the **3rd Prize**.

❖ Outlined a paper on **AI Roles in Civil Engineering** in a Symposium at Sona College of Technology and received the **3rd Prize**.

## HACKATHONS

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❖ Built a project, AI-powered Study Buddy in a hackathon at **Kongu Engineering College** and Won the **1<sup>st</sup> prize**.

❖ Implemented a project, Quality Education Platform in a hackathon at **M. Kumarasamy College of Engineering** and Obtained the **5<sup>th</sup> Prize**.

❖ Developed a project, AI driven mock interview assistant in a hackathon at **CMR Institutions**, Telangana.

## EXTRA-CURRICULAR ACTIVITIES

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❖ **NSS:** Attended a special camp for **social service** at various spots around campus.

❖ Master of Ceremonies (MC) – Hosted multiple college events.

❖ Public Speaking & Stage Presentation – Earned the fourth spot at **Moonlight Talkshop** organized by our college placement Cell.

❖ **Representative:** Successfully fostering effective communication between students and faculty and being a member of the department club for organizing events.