LOGESHWARAN

AI and Data Science Researcher

in Logeshwaran S

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📍 Namakkal, Tamil Nadu, India – 637 404

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. Seeking an Opportunity to utilize my skills and abilities to contribute to the growth of the company in every way I can.

EDUCATIONAL QUALIFICATION

Qualification	Institute	Year of Study	Percentage
Bachelor of Technology **Artificial Intelligence and Data Science**	Kongunadu College of Engineering and Technology, Trichy	2022 - 2026 (pursuing)	99.4%
Higher Secondary	Kurinji Educational Institutions, Namakkal	2021 - 2022	91.2%
Secondary	Kurinji Educational Institutions, Namakkal	2019 - 2020	91.2%

SKILL SET

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

INTERNSHIPS

❖ **Data Science Intern** - Postulate (AICTE Internship)   *3rd, January 2025 – 3rd, 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   *1st, July 2024 – 15th, July 2024*

  - Developed **interactive frontends** and functional backends, enhancing user experience through web technologies in my 15 days internship at Infoem Solutions .

❖ **Data Science Intern** - Rinex Solutions   *5th, September 2023 – 28th, October 2023*

  - During my two months Internship program, gained hands-on experience in **data analytics** to derive actionable insights from real-world datasets.

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.
- ❖ **Skin Disease Classification Chatbot** *April 2024 – July 2024*
  - Customized an AI-powered chatbot for skin disease detection using EfficientNet with 90% accuracy.
  - Analyzed 50,000 skin disease images for precise classification and medical insights.

COURSES AND CERTIFICATIONS

- ❖ **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

- ❖ 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

- ❖ Built a project, AI-powered Study Buddy in a hackathon at **Kongu Engineering College** and Won the **1st prize.**
- ❖ Implemented a project, Quality Education Platform in a hackathon at **M. Kumarasamy College of Engineering** and Obtained the **5th Prize.**
- ❖ Developed a project, AI driven mock interview assistant in a hackathon at **CMR Institutions**, Telangana.

EXTRA-CURRICULAR ACTIVITIES

- ❖ **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.