

SRINIVASAN R

AI & ML DEVELOPER



CONTACT

- +91 701-0462-247
- srinivasan11311@gmail.com
- [linkedin.com/srinivasanr11](https://www.linkedin.com/srinivasanr11)
- github.com/srinivasanr11
- Coimbatore, Tamilnadu
- Portfolio.me

TECHNICAL

- Machine Learning** : Supervised & Unsupervised Learning
- Deep Learning** : CNNs, RNNs, LSTMs, Transformers
- NLP** : Text preprocessing, embeddings, sentiment analysis, BERT, GPT-based models
- Generative AI** : LLMs, GANs
- Data Science** : Data preprocessing, analysis, and visualization, Exploratory Data Analysis
- Programming Languages** : C, Python, JavaScript, Golang
- Web Development** : Next.js, Tailwind CSS, Flask
- Databases** : PostgreSQL, MongoDB, Mysql
- Frameworks & Libraries** : TensorFlow, Keras, PyTorch, Scikit-learn, OpenCV, Streamlit, Pandas, Numpy

SKILLS

- Time Management
- Adaptability
- Problem Solving
- Leadership
- Teamwork



PROFILE

Skilled AI/ML Developer with a strong focus on developing intelligent, scalable solutions using Python, machine learning, and deep learning. Experienced in building end-to-end AI systems that solve real-world problems and enhance decision-making. Adept at transforming ideas into production-ready models through rigorous experimentation and collaboration.



WORK EXPERIENCE

Technocolabs Software Pvt. Ltd. Present
Machine Learning Intern (Remote) 2025

Designed and developed an end-to-end automated risk prediction system in the FinTech domain, leveraging data analytics, machine learning, and predictive modeling techniques.

Pricol Ltd Automotive industry company Feb - May 2024
Deep Learning Intern (On-site) 3 Months

- Telltale Inspection For EOL Testing Using CNN**
- Automated HR FAQs chatbot with NLP**
- Multi-User Fitness Data Integration and Analysis with Google Fit API**

ADEPT Professional Organization at KCE 2023 - 2024
Coding Club Co-ordinator (Full-Time) 1 Year

As Club Coordinator, I organize activities, coding sessions, and workshops to foster collaboration and enhance members' technical skills.



EDUCATION

B.Tech Artificial Intelligence & Data Science 2021 - 2025
Kathir College of Engineering (Autonomous) Coimbatore

CGPA: 7.9/10

Courseworks: Python, Machine Learning and Deep Learning Algorithms & Frameworks, Artificial Intelligence, Probability and Statistics, Computer Networks, Database Design, Data Science, Operating Systems.



PROJECTS

SignSpell - AI Powered Speech to Sign Language Using Animated Avatars (Team Player) Feb - June 2025

State Level Finalist Final Year Project | Niral Thiruvizha 2.0 | Hackathon 2025

SCAM Era - DeepFake Detection System (Team Lead) 2024 - 2025

Developed SCAM, a real-time deepfake detection system using an EfficientNet ensemble with Siamese training, ranking in the top 3% on DFDC.

Covid-19 Prediction using Bayesian Networks 2023 - 2024

Developed a probabilistic prediction model leveraging Bayesian Networks to assess Covid-19 infection risk and support diagnosis

Mini Projects - AI Mouse Control System , AI Chatbot , Image Upscaler 2022 - 2023