





Siri R Kulakarni

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SUMMARY

Final year Computer Science and Engineering (core) student. Passionate about Artificial Intelligence, Machine Learning, Deep Learning and Data Analytics. Maintaining a CGPA of 9.04 with 100 percent scholarship.

SKILLS

C/C++, Java, Python, TensorFlow, Keras, LangChain, pandas, NumPy, Matplotlib, Azure, SQL, MatLab, HTML, CSS, Javascript

CERTIFICATIONS

Deep Learning Specialization - By DeepLearning.ai (View certificate)

- An extensive specialization on building neural network architectures such as CNNs, RNNs, LSTMs, Transformers, and learned how to make them better with strategies such as Dropout, BatchNorm, and Xavier/He initialization.

Introduction to Generative AI Learning Path Specialization - By Google (View certificate)

- A specialization on the foundations of large language models (LLMs) and their diverse applications.

Google AI Essentials (View certificate)

- A course on utilizing generative AI tools effectively and integrating them into various projects.

Artificial Intelligence and Machine Learning Powered by Google Developers (View certificate)

- An externship program with a capstone project which included hands-on learning of AI and ML.

Microsoft Certified: Azure Administrator Associate (View certificate)

- Industry certification for expertise in implementing, managing, and monitoring an organization's Azure environment

PROJECTS

RAG powered search

(View project)

A Retrieval Augmented Generator powered LLM which uses latest updates in web news to answer user's queries.

Signature Verification System

(View project)

A model which verifies signatures using Siamese Network.

TrafficTelligence: Advanced Traffic Volume Estimation With Machine Learning

(View project)

A traffic volume prediction system which uses Random Forest Regressor.

ML powered Stock market predictor

(View project)

An RNN and LSTM based stock market price predictor which is customised to predict the stock price of each stock in NSE.

RESEARCH PAPERS

- **An Innovative Approach and Evaluation of Contemporary Intrusion Detection Systems**
- **Exploring Independent Feature Extraction Techniques for Context-based Image Retrieval in Healthcare**
- **Examining the Role of Machine Learning and Deep Learning in Diabetes Mellitus Detection and Diagnosis - A Critical Review**
- **Artificial Intelligence and Machine Learning in E - Learning**

POSITIONS OF RESPONSIBILITY

VIT LEO Club | *Creative Head*

Feb 2023 - Feb 2024

Led creative initiatives and coordinated events with a focus on advancing community engagement and outreach.

EDUCATION

VIT, Vellore

August 2025

B.Tech in Computer Science (core)

Current GPA: 9.04/10