

Laxmi Sharanya Sripada

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Education

Vellore Institute Of Technology, Computer Science

Nov 2022 – May 2026

- GPA: 8.39/10

Narayana jr college

Apr 2021 – May 2022

- GPA: 89.9%

Technologies

Languages: Java | Python | SQL

Web Development: React | Node.js | REST APIs | WebSocket | HTML5 | CSS.

Databases Tools: MongoDB | Git | GitHub | VS Code | Streamlit.

AI/ML : PyTorch | Hugging Face Transformers | scikit-learn | Google Colab | Jupyter Notebook.

Projects

Lawdesk | React, Responsive Design, Node.js, Express, WebSocket, MongoDB, RESTful APIs. 

Sep 2024

- Developed LawDesk, a full-stack legal marketplace facilitating case posting and expert bidding to streamline client-lawyer matching. Integrated the ALIS AI Bot to deliver real-time preliminary legal guidance, automating a significant portion of initial client inquiries.
- Created a centralized Legal Resource Library with advanced full-text and faceted search capabilities, enabling quicker access to legal precedents and reducing research time for professionals. Iterative improvements based on beta tester feedback contributed to higher platform engagement and user satisfaction.

GPT-2: Fine-Tuning vs. Few-Shot | Python, PyTorch, Hugging Face Transformers, GPT-2, Google Colab 

Sept 2025

- Conducted a comparative analysis of fine-tuning and few-shot prompting techniques for adapting GPT-2 to movie dialogue generation. Built a complete fine-tuning pipeline using Hugging Face libraries, handling data preprocessing, model training, and evaluation.
- Developed a dynamic few-shot prompting system to test in-context learning capabilities, evaluating performance trade-offs between specialization and flexibility. Quantified results with perplexity and qualitative analysis, demonstrating the fine-tuned model's superior coherence for domain-specific tasks.

Fake News Detection | Python, NLP, scikit-learn, Pandas, NumPy, NLTK, Jupyter Notebook 

Aug 2025

- Developed and optimized a fake news detection system using advanced NLP preprocessing and a variety of machine learning models, including traditional classifiers (Naive Bayes, Logistic Regression) and deep learning architectures (LSTM, fine-tuned BERT), culminating in an ensemble model for improved accuracy.
- Conducted comprehensive model evaluation using metrics such as precision, recall, F1-score, and ROC analysis to ensure robust performance in distinguishing real from fake news articles.

Experience

FrontEnd dev ,CodeSoft

Jan 2024

- Built fully responsive web interfaces using semantic HTML5, advanced CSS3, and vanilla JavaScript, enhancing site accessibility and delivering consistent user experiences across devices.
- Developed a professional portfolio and interactive projects following modern design principles, which improved user engagement and showcased strong front-end development skills.

Certification

- iamneo - Data Science Professional Certificate (Python, Data Analysis)
- IBM - Cybersecurity Analyst