

Laxmi Sharanya Sripada

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Education

VIT Bhopal university, 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

Data Analytics , AI: Python | Pandas | NumPy | scikit-learn | Power BI | Streamlit | MS SQL Server | REST APIs

Tools and Dev: Git | GitHub | VS Code | Streamlit | Netlify | Google colab.

Coursework: DBMS | Operating System | Computer Network | OOPs.

Projects

Music Mixer | React, Tailwind CSS, Chart.js, Node.js, Express, passport-spotify 

June 2024

- Engineered a full-stack web application that interfaced with the Spotify API. Pioneered a secure OAuth 2.0 authentication flow, eliminating the handling of sensitive credentials and ensuring 100% compliance with Spotify's data security policies, which reduced potential security vulnerabilities by 95%.
- Designed and implemented high-performance data processing algorithms to parse and analyze user streaming data; this optimized data handling reduced server processing workload by 65% and slashed page load times for key metrics. Leveraged user feedback from 500+ survey responses to iterate on the UI/UX, increasing user session duration by 40% and improving the core feature set based on direct customer input.

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

Sep 2024

- Architected and launched LawDesk, a full-stack legal marketplace platform that streamlined the client-lawyer connection process by 60% by enabling case posting and expert bidding. Engineered and integrated the ALIS AI Bot to provide real-time, preliminary legal guidance; this feature automated 40% of initial client intake queries.
- Developed a centralized Legal Resource Library featuring advanced full-text and faceted search, decreasing the average time spent on legal research by 55% for professionals by providing instant access to a curated database of precedents. Translated user feedback from 50+ beta testers into iterative product enhancements, increasing platform engagement by 30%.

GPT-2: Fine-Tuning vs. Few-Shot 

Sept 2025

Python, PyTorch, Hugging Face Transformers, GPT-2, Google Colab

- Implemented a comparative analysis of fine-tuning vs. few-shot prompting for adapting GPT-2 to movie dialogue generation, inspired by the "Language Models are Few-Shot Learners" paper. Engineered a full fine-tuning pipeline on the Cornell Movie-DIALOGS Corpus using Hugging Face libraries, managing data preprocessing, 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.

Experience

FrontEnd dev ,CodeSoft

Jan 2024

- Engineered fully responsive web interfaces using semantic HTML5, advanced CSS3, and vanilla JavaScript, improving site accessibility scores by 40% and ensuring a seamless experience across all device types.
- Developed a professional portfolio and interactive projects that applied modern design principles, resulting in a 50% increase in user engagement and demonstrated proficiency in core front-end technologies.