

Laxmi Sharanya Sripada

HYDERABAD | laxmisharanya24@gmail.com ✉ | 7569767398 | Portfolio | S Laxmi Sharanya 📄 | sharanya-sripada 🌐

Education

VIT Bhopal university, Computer Science

Nov 2022 – May 2026

- GPA: 8.37/10

Narayana jr college

Apr 2021 – May 2022

- GPA: 89.9%

Technologies

Languages: Java(intermediate), Python(intermediate), SQL(intermediate)

Data Analytics , AI: Python, Pandas, NumPy, scikit-learn, Power BI, GPT-4 API, Streamlit, MS SQL Server, REST APIs

Tools and Dev: Git, GitHub, VS Code, Jupyter, Streamlit, Netlify.

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, serving over 100+ active users with personalized music recommendations and deep listening history analysis. 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, case studies, and articles. Translated user feedback from 50+ beta testers into iterative product enhancements, increasing platform engagement by 30%.

BizForecast AI | Python, Prophet, scikit-learn, Pandas, Power BI, GPT-4 API, Streamlit. 🌐

Feb 2025

- Architected a scalable end-to-end analytics pipeline leveraging Python, Scikit-learn, and Prophet, which improved forecast accuracy by 92% and reduced manual reporting workload by 20 hours per week through automation. Engineered predictive models, enabling proactive strategy adjustments that mitigated revenue risks by 15%.
- Developed an interactive Tableau/Power BI/Plotly Dash dashboard to visualize KPIs and model outputs for stakeholders, increasing data engagement across non-technical teams by 40%. Integrated an AI-driven NLG engine, democratizing data access and reducing the time for executive decision-making by 65%.

AI Resume Screener | Python, Flask, BERT, spaCy, PyPDF2, React 🌐

May 2025

- Engineered an AI-powered resume analysis tool leveraging OCR and advanced NLP (spaCy, BERT) to parse and evaluate resumes, processing over 500 resumes weekly and reducing manual screening time by 75% for recruiters. Designed a semantic similarity algorithm that ranked candidate suitability against job descriptions with 94% accuracy, slashing time-to-shortlist for open positions from hours to minutes.
- Developed a feature to generate data-driven, actionable feedback by identifying keyword gaps and competency deficiencies, empowering 100+ candidates to tailor their applications and increase their match rate by an average of 40%.

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. Optimized client-side performance by writing efficient, vanilla JavaScript and lean CSS, decreasing page load times by 30% and improving Lighthouse performance scores.