SRINIVASAN KUMARAVASUDEVAN

FULL STACK DEVELOPER | DATA SCIENTIST | PYTHON | DJANGO | SQL

Nagari | 6302997664 | vasudevansk00@gmail.com

PROFESSIONAL SUMMARY

Seeking a **Full Stack Developer** or **Data Scientist** position. As a B.Tech (CSE) student and Data Science Intern, I specialize in **Full Stack Development** using **Django, Python, JavaScript, HTML, and CSS** for robust web applications. I also possess **Data Analyst** expertise, applying **Data Science** methodologies, **SQL**, and **Python** to complex datasets. Successfully delivered **quantifiable results** in data modeling and team leadership while proficient in modern AI/ML frameworks like **LangChain** and **LangGraph**.

TECHNICAL EXPERTISE

Python, SQL, Java, JavaScript, HTML, CSS, Django, LangChain, LangGraph, Data Science, Data Analytics, Full Stack Development, English, Hindi, Telugu, Tamil

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EDUCATION

B.Tech in Computer Science Engineering (CSE) Sri Venkateswara College of Engineering & Technology, Chittoor | October 2022 - May 2026 (Expected) – 8.52 CGPA (Previous Sem)

PROFESSIONAL EXPERIENCE

Data Science Intern – L&T Limited, Chennai (Apr–Sep 2025)

- Built Python-based **AI procurement agents** for vendor comparison and material forecasting.
- Analyzed 100GB+ data and developed 3 models improving reporting efficiency by 15%.

Data Science Certification Program – IES Pvt Ltd (Feb 2024–May 2025)

- Learned core Data Science concepts through hands-on Python/SQL projects and practical analytics tasks.

PROJECTS

Janseva – Certificate Management Automation System (Python)

- Built a Python-based system using **Flask** + **MongoDB** to automate caste, income, and EWS certificate processing.
- Added smart workload distribution, real-time status tracking, and an interactive analytics dashboard.

Vaayu – AI-Powered Healthcare Chatbot (Python NLP)

- Developed a **24/7 Python healthcare chatbot** using Flask, NLP libraries, and MongoDB for symptom-based medical assistance.
- Delivered accessible UX and real-time AI-driven health insights to improve user awareness.

AI Agent for Construction Procurement (Python – AI/NLP)

- Developed an intelligent procurement agent using **Python, Flask, Pandas, NumPy, and Scikit-learn** to automate material purchasing workflows for construction projects.

CERTIFICATIONS
- Certified on Analyzing Data with R by edX
- Certified on Visualizing Data with R by edX
- Certified on Fundamentals of Data Analytics by L&T EduTech
- Certified on Programming for Data Analytics(Python) by L&T EduTech
- Certified on Data Engineering Foundation by L&T EduTech
- Certified on Artificial Intelligence and Machine Learning by L&T EduTech

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LEADERSHIP AND ACHIEVEMENTS

- **President of Association of Computing Engineers (ACE)**, **leading a 15-member committee** and coordinating **5 departmental events** for over 300 students (September 2024 - Present).
- **Finalist at the Smart India Hackathon 2024**, collaborating in a **6-person team** to develop a functional prototype under intense time constraints.
- Served as a Cadet in the 29(A) Battalion, National Cadet Corps, Tirupati.