SRINIVASAN KUMARAVASUDEVAN

FULL STACK DEVELOPMENT | DATA SCIENCE | PYTHON | DJANGO | SQL

Nagari | 6302997664 | vasudevansk00@gmail.com

PROFESSIONAL SUMMARY

Aspiring Full Stack Developer and Data Scientist with hands-on experience in Python, Django, SQL, Data Analytics, and Machine Learning. Delivered end-to-end web applications and data-driven solutions through academic and industrial projects. Skilled in data preprocessing, ML model development, backend engineering, API integration, and AI frameworks including LangChain and LangGraph. Recognized for strong problem-solving, teamwork, and leadership capabilities.

TECHNICAL SKILLS

Programming: Python, Java, JavaScript
Web Technologies: Django, Flask, HTML, CSS
Data: SQL, Data Science, Data Analytics, Pandas, NumPy, Scikit-learn
AI/ML: LangChain, LangGraph, NLP, Machine Learning
Tools: Git, Jupyter Notebook, MongoDB
Soft Skills: Time Management, Adaptability, Leadership
Languages: English, Hindi, Telugu, Tamil

EDUCATION

- **B.Tech in Computer Science Engineering (CSE)**
  Sri Venkateswara College of Engineering &Technology, Chittoor
  Oct 2022 – May 2026 (Expected)
- **Intermediate (HSC)**
  Sri Sai Vivekananda Junior College, Nagari
  2020 – 2022 | 76.5%
- **SSC**
  PCN Govt High School, Nagari
  2019 – 2020 | 100%

PROFESSIONAL EXPERIENCE

Data Science Intern | L&T Limited, Chennai
April 2025 – September 2025 (6 Months).
Data Science Certification Program (Emerging Technologies)
Indo-Euro Synchronization (IES) Pvt Ltd | Feb 2024 – May 2025

CERTIFICATIONS

- Analyzing Data with R — edX
- Visualizing Data with R — edX
- Fundamentals of Data Analytics — L&T EduTech
- Programming for Data Analytics (Python) — L&T EduTech
- Data Engineering Foundations — L&T EduTech
- Artificial Intelligence & Machine Learning — L&T EduTech

PROJECTS

Janseva – Certificate Management Automation (Python, Flask, MongoDB)
- Built a Flask–MongoDB system to automate caste, income, and EWS certificate workflows.
- Implemented smart workload distribution, real-time status tracking, and analytics dashboards.

Vaayu – AI Healthcare Chatbot (Python NLP)
- Developed a 24x7 healthcare chatbot using Flask, NLP libraries, and MongoDB for symptom-based assistance.
- Provided accessible UX and real-time AI-generated health insights for user awareness.

AI Agent for Construction Procurement (Python, ML)
- Built an AI-powered procurement agent using Python, Pandas, NumPy, and Scikit-learn.
- Automated material purchasing workflows and improved decision-making for construction operations.

Computer Vision with OCR for Construction
- Developed OCR-based document processing tools to extract text from engineering sheets.
- Automated data entry and validation for construction workflows.

LEADERSHIP & ACHIEVEMENTS

- **President, Association of Computing Engineers (ACE):** Led a 15-member team and managed 5 departmental events for 300+ students.
- **Finalist, Smart India Hackathon 2024:** Developed a functional prototype under time pressure with a 4-member team.
- Completed multiple Data Analytics and AI courses from L&T EduTech.
- Served as a Cadet in the **29(A) Battalion, NCC**, Tirupati.

Portfolio : https://vasudevansk.github.io/Portfolio
Linkedin : https://www.linkedin.com/in/sk-vasudevan-783714267/