

SASIDHAR A

AI/ML Intern | Data Science Enthusiast

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PROFESSIONAL SUMMARY

Motivated AI/ML student with hands-on experience in machine learning, deep learning, LLM evaluation, and conversational AI systems. Skilled in Python, PyTorch, TensorFlow, DeepEval, and backend AI workflow development, with experience in healthcare-focused AI models and chatbot evaluation pipelines. Passionate about computer vision, generative AI, and solving real-world problems through scalable AI solutions.

SKILLS

TECHNICAL SKILLS:

- **Programming Languages:** Python, SQL
- **Data Analytics :** Pandas, NumPy, Matplotlib, Seaborn, Exploratory Data Analysis (EDA), Data mining
- **Web Development:** HTML, CSS, JavaScript
- **Machine Learning Frameworks:** TensorFlow, Scikit-learn, PyTorch
- **Core Concepts:** Data Analysis, Data Structures & Algorithms, Operating Systems
- **Tools & Technologies:** Git, GitHub, Power BI, Tableau, DeepEval
- **Databases:** SQL Queries, Relational Database Management Systems (RDBMS, MongoDB)

SOFT SKILLS:

Communication, Problem Solving, Logical Thinking, Analytical Thinking, Leadership, Teamwork

EDUCATION

RAJALAKSHMI INSTITUTE OF TECHNOLOGY

SEPT 2023 – JUNE 2027

THIRUVALLUR, TN

Bachelor of Technology in Artificial Intelligence and Data Science

Cum GPA: 7.80

MAHATMA MONTESSORI SCHOOL

JUNE 2021 – JUNE 2023

MADURAI, TN

12th Grade - 70%

10th Grade - PASSED

EXPERIENCE

AI/LLM Developer Intern – [ConceptVines](https://conceptvines.com) | AI in Healthcare

MAY 2025 - PRESENT

- Developed multi-turn chatbot evaluation pipelines using DeepEval and LLM-as-a-Judge.
- Automated hallucination, relevancy, and response-quality evaluation workflows.
- Built backend systems for conversation parsing and AI evaluation dashboards.

PROJECTS

GitHub Repo : <https://github.com/sasidhar-sys>

LUNG-CANCER DETECTION

MAY 2025 – JUN 2025

- Collected, cleaned, and augmented lung X-ray datasets to strengthen model performance for cancer detection.
- Built and fine-tuned an EfficientNet-based CNN model, reaching 91%+ accuracy in classifying lung cancer cases.
- Enhanced interpretability and reliability by integrating Grad-CAM visualizations and probability-based diagnostic suggestions.

ESOPHAGEAL-CANCER DETECTION

JAN 2026 – APR 2026

- Pre-processed and augmented esophagus CT scan images to enhance model training for cancer detection.
- Trained an EfficientNet CNN model, achieving high accuracy in detecting esophageal cancer from medical images.
- Improved diagnostic speed and accuracy, supporting healthcare professionals with AI-driven cancer predictions.

ACHIEVEMENTS AND CERTIFICATIONS

2025 - Python Programming Workshop | Top Engineers

2025 - Online Internship Training Program Completion | SSS Group of Companies

2025 - The Complete Python Bootcamp From Zero to Hero in Python | Udemy

2026 - AI/LLM Developer Internship Completion | [ConceptVines](https://conceptvines.com)

2026 - HACKXELERATE'26 National Level Hackathon – Secured II Prize among 2500+ participants | KPR Institute of Engineering and Technology, Coimbatore