SRIVATHSA SH

✉ Srivathsash26@gmail.com | ☎ 6363689505 | 🔗 www.linkedin.com/in/srivathsa-shrihari-BE-CSE
🔗 https://github.com/srivathsa26

EDUCATION

Global Academy of Technology   Bengaluru, India
Bachelor of Engineering-Computer Science & Engineering   Expected Graduation – July 2025
CGPA: 7.9/10
Relevant Coursework: Data Structures & Algorithms, Database Management System, Operating Systems, Object Oriented Programming, Software Engineering, Cryptography, Artificial Intelligence and Machine Learning, Deep Learning

SKILLS

- Programming Languages- Python, SQL, C, Java, JavaScript, HTML, CSS
- Tools & Analysis- Microsoft Excel, MongoDB, Google Colab, Jupyter Notebook, VScode, Git, GitHub, Power BI, Cursor.

EXPERIENCE

CENTRE FOR AIRBORNE SYSTEMS (CABS) – DRDO   **Bengaluru, India**
- *Deep Learning Research Intern*   *Oct 2024 – Nov 2024*

  Skills & Tools – Google Earth, XanyLabeling, RoLabelling, Faster RCNN model, Data Collection & Annotation, Comprehensive Model Training.

  Project - Military Aircraft Detection using Faster RCNN model
  - Engineered custom dataset development via wide set of imagery collection (3000 images) and annotation aiming model's training depth enhancement for diverse aircraft classes detection.
  - Optimised aircraft detection accuracy through advanced preprocessing using Faster RCNN model and achieved a high precision model of >97% accuracy aiding in surveillance and threat assessment.

FEYNN LABS   **Bengaluru, India**
- *ML & Data Science Intern*   *Sept 2024 – Nov 2024*

  Areas worked upon – AI product/service prototyping, AI product/service Business & Financial Modelling, Market segmentation using ML & Data Analysis

  Research
  - *AI based resume parser* - Explored AI technologies like GPT-3 and REST API architecture aiming to achieve cost efficient and scalable solution that can be utilized in small scale organizations with minimal human resources. This resulted in an idea of feasible resume parser application that automates the conversion of unstructured resume PDF inputs into JSON data streamlining recruitment workflow.

ACADEMIC PROJECTS

- *YouTube comment analyser*
  - Built an advanced analytics web tool utilizing Machine Learning, Natural Language Processing (NLP) framework VADER lexicon and Selenium to perform in-depth analysis of YouTube comments, generate video content summaries, and extract actionable insights on viewer sentiment, keyword trends, and engagement patterns enabling data driven strategies to optimize content creation.

- *Online Book Store*
  - Developed an online bookstore platform with smooth and seamless operation using MERN stack (MongoDB, Express.js, React, Node.js) & implementing robust CRUD (Create, Read, Update, Delete) functionalities for efficient book catalogue management.
  - Ensured dynamic and responsive frontend via React and seamless scalable server-side backend via Express.js and Node.js for user centric book management web tool.

LEADERSHIP SKILLS

- Volunteered & Taught government school kids the basics of software applications like MS Word, PowerPoint, and Paint to enhance their computer literacy skills.
- Led Kabaddi & Cricket Team of Mahesh PU College as Captain during 2019-2021.
- Led desk registrations for "Genesys 3.0" technical computer science fest held at GAT-2024.

CERTIFICATIONS

- ***Deep Learning and its Applications by Global Academy of Technology –*** Two-week program on various deep learning algorithms like NLP, CNN, RNN, ANN.
- ***Hack a league 2.0*** – Participated in a 24-hour national level hackathon held at GAT.
- ***Intro to GEN AI*** – Completed course on GEN AI by Codecademy.
- ***Brilliance in cyber security*** – Completed 6 Days project-based cybersecurity value added program.