SRI VARSHINI A
Computer Science Student

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SUMMARY

I am a dedicated and motivated computer science student actively pursuing a B.E. in Computer Science and Engineering. I possess a strong understanding of programming languages like Python, C, and Java, and have practical experience through internships. I aim to apply my skills and knowledge in challenging environments while continuously learning and contributing to organizational success.

EDUCATION

B.E - Computer Science Engineering (4th sem)
St. Joseph's College of Engineering

📅 08/2023 - Present   📍 Chennai, India

CGPA
9.19 / 10.0

HSC
Manuelmony Matriculation Hr. Sec. School

📅 06/2021 - 03/2023   📍 Chennai, India

Percentage
94.6%

SSLC
Manuelmony Matriculation Hr. Sec. School

📅 06/2020 - 04/2021   📍 Chennai, India

EXPERIENCE

Intern
HCL Technologies Ltd.

📅 05/2025 - 06/2025   📍 Chennai, India

Internship Training in Deep Learning and Python

- Completed a 1-month hands-on internship focused on Python programming, OpenCV, and deep learning fundamentals.
- Built object detection and tracking models using webcam input, integrating real-time color and coordinate identification.
- Implemented brain tumor segmentation on MRI scans using U-Net and SegNet architectures, gaining practical exposure to medical image analysis.
- Developed a simple banking system project applying Object-Oriented Programming concepts.

Intern
The National Small Industries Corporation Limited

📅 07/2024 - 07/2024   📍 Chennai, India

Internship training specializing in Core Java

- Completed a 7-day intensive training on Core Java, gaining hands- on experience in OOP, exception handling, and with practical exercises and mini-tasks.

Intern
CODSOFT

📅 06/2024 - 07/2024

Virtual internship program focused on web development

- Completed a 4-week internship focused on basic web development using HTML, CSS, and JavaScript.
- Followed tutorials to recreate simple projects like a calculator, personal portfolio, and business website to understand layout and styling fundamentals.

KEY ACHIEVEMENTS

Elite Gold Certified Candidate
Achieved Elite Gold Certification from NPTEL for scoring 90% in Data Science for Engineers, placing in the **top 2%** of candidates

Elite Silver Certified Candidate
Secured Elite Silver Certification from NPTEL for Database Management System, ranking in the **top 1%** of candidates

Elite Silver Certified Candidate
Achieved Elite Silver Certification in Python for Data Science, ranking among the **top 5%** of candidates

Runner-up in Guesstimate
Secured runner-up position at Guesstimate, a national level technical symposium

SKILLS

- Python
- Java
- C
- Canva, Figma
- SQL, MongoDB (Basics)
- Data Science
- HTML,CSS,JS (Basics)
- OpenCV (Basics)

CERTIFICATIONS

- Data Science for Engineers - NPTEL
- Basics of Python - Infosys Springboard
- Programming with Java - Infosys Springboard
- C training - Spoken Tutorial, IIT Bombay
- Introduction to Data Science - Cisco
- Introduction to MongoDB - MongoDB University
- Data Base Management System - NPTEL
- Python for Data Science - NPTEL

PROJECTS

Object Detection and Tracking System
Tech Stack: Python, OpenCV
Developed a real-time object tracking model using webcam input, drawing bounding boxes with object color and coordinates for each detected item.

Brain Tumor Segmentation (MRI Scans)
Tech Stack: Python, U-Net, SegNet
Built deep learning models for medical image segmentation to detect tumor regions in brain MRI scans using U-Net and SegNet architectures.

Personal Portfolio Website
Tech Stack: HTML, CSS
Designed and developed a personal portfolio to showcase certifications, projects, and skills, with a clean and responsive layout.