



Vishal K S

+91 94488 82916
vishal.k.s351@gmail.com

Technical Skills

Python, Java, Web Development,
Natural Language Processing,
AI/ML/DL

Tools and frameworks
Visual Studio, Jupyter, MATLAB,
Robotic Operating Systems, Gazebo,
Large Language models

Interests

Coding and Debugging
Python, Java

Music
Piano

Languages

English
Tulu
Kannada
Malayalam
Tamil
Hindi

Dedicated and performance-driven individual with a pro-active approach and determination to successfully finish tasks within schedule. Effective team player offering analytical skills and expertise in Python and Java, coupled with a passion for problem-solving, drives me to deliver high-quality solutions.

Education

Amrita Vishwa Vidyapeetham	30th Sept 2021 - Current
CSE AI	B.Tech
8.93	
ASC Independent PU College	2021
Karnataka Board for Pre-University - PCMC	Class 12
99%	
SJR Kengeri Public School	2019
Indian Certificate of Secondary Education	Class 10
92.6%	

Projects

1. Small object detection in arial images	March 2024 - April 2024
Adapted multiple deep learning models to detect and classify objects across 10 different classes on the SODA-A dataset.	
2. Empyrean Services: A multi-vertical platform	Nov 2023 - Jan 2024
An E-commerce platform developed using HTML, CSS, Javascript and python.	
3. Video steganography using LSB approach	Oct 2023 - Dec 2023
Implemented video steganography using the Least Significant Bit approach, concealing audio data within video frames.	
4. Medical chatbot using RAG's	March 2024 - April 2024
Developed a medical chatbot using multiple LLM's designed using a Retrieval Augmented Generation.	

Experiences

Tech Triumph 1.0	26th - 27th May 2023
CodeChef	
Developed a web application capable of detecting lung pneumonia and provide chat assistance to the user.	
Smart India Hackathon	23rd Sept 2023
Internal Hackathon	
Developed a machine learning model capable of identifying the type of plant disease from leaf images.	

Publications

A Scalable Model for Text Mining using Sentiment Analysis using PySpark	22nd March 2024
IEEE Xplore Digital Library	