

OBJECTIVE

I am seeking full-time opportunities to apply my expertise in Java, Mysql, HTML and CSS. As a fresher, I am eager to leverage my skills to create dynamic web application that offer exceptional user experiences.

EDUCATION

- **C Byregowda Institute of Technology, Kolar** 2021-2025
B.E in Computer Science
- **Sri Vijaya PU College, Chintamani** 2019-2021
- **Chinamaya Vidyalaya, Kolar** 2018-2019

TECHNICAL SKILLS

Languages: C, Java, Python

Database: SQL

Tools: VS Code, Jupyter

INTERNSHIPS

- **Artificial Intelligence and Machine Learning** offline
Technologies, Jayanagar 4th block, Bengaluru
 - Undergone hands-on training in Python programming, gaining practical experience in writing and executing Python code.
 - Worked with machine learning tools like TensorFlow and PyTorch, and explored software libraries such as NumPy, Pandas, Matplotlib, and Seaborn.
- **Core Java** offline
Progtion Technologies
 - Object-Oriented Programming (OOP) Concepts – Includes classes, objects, inheritance, polymorphism, encapsulation, and abstraction, which form the foundation of Java programming.
 - Core Java Fundamentals – Covers data types, control statements (if, switch, loops), arrays, exception handling, interfaces, collections framework, and basic input/output operations.

PROJECTS

- **Elderly Care Robot (Major Project)**
 - Designed and developed an autonomous robot to assist elderly individuals with daily activities, improving their quality of life.

- Features: Voice recognition for interaction and assistance, Autonomous navigation with obstacle avoidance. Health monitoring (e.g., heart rate, reminders for medication), Emergency alert system for fall detection, Smart home integration for controlling lights, doors, etc.
- Technologies Used: Robotics, AI(Machine Learning for voice recognition), Computer Vision, IoT, and Embedded Systems.

• **OBJECT TRACKING BASED ON COLOR USING HSV (Mini Project),**

- Object tracking is essential in computer vision for applications like surveillance and robotics. This study uses HSV color space for tracking, as it is more robust to lighting changes than RGB.
- The method includes color segmentation, noise reduction with morphological operations, and contour detection for real-time tracking.
- Results show that HSV-based tracking provides accurate and stable object localization under different lighting conditions.

CERTIFICATIONS

- **Core Java** Propton Technologies
- **Artificial Intelligence and Machine Learning** Technologics
- **Python** Hope Foundation

PERSONAL DETAILS

Name : Vibhindraram R A
Date of Birth : 31/05/2003
Languages Known : English, Kannada, Telugu, Hindi, Tamil
Nationality : Indian
Father's Name : Amaresh Babu R
Sex : Male
Permanent Address : Vibhindraram R A S/O Amaresh Babu R, Nandamballi(v),
Chamarahalli(p),Kolar taluk &district-563101