

VISHWANATH REDDY B

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OBJECTIVE

To leverage my technical skills and engineering knowledge to contribute to innovative projects and advancements in technology, while continuously learning and growing in a dynamic organization.

EDUCATION

AMC Engineering College Bangalore Karnataka **Expected 2025**
B E in Electronics and Communication Engineering
CGPA: 8.81

Narayana PU College Bangalore Karnataka **2021**
Stream: PCMB
Grade: 96.6

Amara Jyothi school Karnataka **2019**
Grade: 89.76

SKILLS

Technical Skills	Python, C
Tools/Technologies	AutoCAD, OpenCV, Arduino, ESP32, Google Colab, VS Code, Raspberry Pi
Soft Skills	Problem Solving Leadership, Teamwork, Time Management, Effective Communication

EXPERIENCE

WELLTUCH PVT LTD Oct 2023 - Nov 2023

- Designed smart furniture using AutoCAD. Assisted in CNC machine operations and contributed to production processes.

PROJECTS

Autonomous Garbage Collection Bot: Developed a Raspberry Pi-based system for autonomous lane navigation. Integrated a robotic arm for object collection, enabling efficient and precise operations.

Autonomous Robot Navigation: Created a robot that uses ArUco markers for localization and OpenCV for precise and efficient path navigation.

ESP32 NES Gaming Console: Designed a custom gaming console using ESP32 microcontroller and TFT display to run NES games.

ROLES AND RESPONSIBILITIES

- **Volunteer, AMC Engineering College's OpenCV Workshop — July 2024:** Organized a technical seminar for 50+ participants and provided hands-on OpenCV training.
- **Volunteer, ML10xImage Classification Competition:** Managed participant inquiries and offered technical support during the event.
- **Teamleader,eYRC2024–25:** Contributed to 2D mapping and drone navigation tasks using ROS 2, Python, and ArUco markers.