



Vivekanand

Bidar(D), Chittaguppa(T),Nirna 585227
9741096569 | vivekanandhalloli9@gmail.com

Objective

Seeking an opportunity to contribute towards the growth of the Company by utilizing my technical, non- technical and inter-personal skills, as well as enhance knowledge, abilities and experience to grow as a Professional.

Education

- **JSS ACADEMY OF TECHNICAL EDUCATION** Persuing
B E Electronics and Instrumentation engineering
6.0
- **PUC** 2022
Jnanasudha pu college bidar
66.33
- **SSLC** 2020
Swamy Vivekananda School Nirna
68.32

Skills

- Basic of python
- C language
- Digital electronics
- Embedded C

Projects

- **4*4 LED CUBE**
The cube is built as 4 layers of 4×4 LEDs.
LEDs are wired with shared cathode/anode layers and columns.
You light up one layer at a time very fast (multiplexing) to create the illusion that all are on.
- **AUTOMATIC CROP/GRASS CUTTING ROBOT**
Movement: The robot moves forward, controlled by the microcontroller and motor drivers.
Obstacle Avoidance: Ultrasonic sensors detect obstacles like rocks or fences, and the robot steers away.
Cutting: A spinning blade motor cuts grass or small plants as the robot moves.
Optional: Line-following or boundary sensors keep the robot inside a set area.