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https://github.com/ayushBillore

Ayush Billore

- **Technical Skills:** Java, C,, Computer Vision , Image processing
  Embedded Programming.
- **Certification:** Applied Machine Learning in Python . Matlab Signal Processing
  Matlab Image processing, Matlab Computer Vision. Alison Introduction to Electronic Sensor.

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (ECE)	Oct 2022 –Ongoing	VIT Bhopal University	8.97/10
Class XII	May 2022	LNP Govt. Higher Secondary School,Harda	94.0%
Class X	July 2020	LNP Govt. Higher Secondary School,Harda	96.5%

ACADEMIC PROJECTS

Internet Of Things (IOT)	▪ **Smart Bin, IOT BASED Garbage Monitoring System** (August 2023) o Description:-Transforming waste disposal with cutting-edge technology, our Smart Bin system utilizes IOT to monitor and manage garbage levels, streamlining waste collection processes." o Technology-: IOT Sensors, Microcontrollers ,Cloud Platform, Embedded c. o Team Project:- 3 members o Role:-Hardware And Software integrator. o https://github.com/ayushBillore/Smart-Bin-IOT-BASED-Garbage-Monitoring-System
Embedded System	▪ **Smart Energy Meter** (May 2024) o Description:- A smart energy meter that measures power consumption hourly and monitors frequency, under-voltage, and over-voltage conditions to ensure the safety of home appliances. It provides real-time alerts for abnormal voltage levels, helping to prevent potential damage and improve energy efficiency. o Technology:-Voltage and Current Sensors ,Ardiuno UNO, Basic Electronic Components(Registers, Op-amp, capacitors, octocopler) o Team Project:- 2 members o Role:-Arduino Programmer. o https://github.com/ayushBillore/Smart-energy-Meter

EXPERIENCE

Externship	▪ **Embedded System Design Internship (Ongoing)** o Worked on a project **"Home Automation"**,focusing on designing and implementing embedded solutions. o Improved skills in **embedded system programming**, including microcontroller interfacing and firmware development.

CO-CURRICULARS

Coding	▪ HackerRank 5 Star in Python and java ▪ 200 + GFG Problems

EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements	▪ Awarded with "STARS" Scheme scholarship by VIT Bhopal University, ▪ Second place in district in 10th board ▪ First place in district in 12th board
Responsibilities	▪ Active member of club Coding Blocks
Extracurricular	▪ Successfully completed 30 Days of Java Challenge in HackerRank ▪ 50 Days of Coding Challenge GFG. ▪ 51 Days of IOT DrGVishwanathan Challenge.

ADDITIONAL INFORMATION

Hobbies	▪ Watching and playing cricket . Playing Mobile Games
Languages	▪ English, Hindi.