Dasari Mohan Amritesh

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SUMMARY

Enthusiastic, Innovative, Analytic Problem Solver. Highly Proficient in English. Is skilled in Python, Java and C++. Fast-Learner, has no trouble communicating. Active Beta-Tester of Android ROMs for Whyred at XDA.

EDUCATION

Vellore Institute of Technology, Amravati — *B.Tech*

JULY 2018 - Present

Pursuing Undergraduate Degree in CSE with specialisation in Networking and Security.

Delhi Public School, Bhilai — *High School*

APRIL 2016 - MARCH 2018

Science Stream, secured 85% in final boards.

PROJECTS

Database Management System — *High School Project*

Created a student database management system for my school based on Python, which could be used to create new records as well as store marks for each individual student.

SKILLS

Python -Experienced

Java –Skillful

C++ – Skillful

Flutter - Skillful

AWARDS

Gold Medal in National Cyber Olympiad in class 11

Gold Medal in English Olympiad in class 10 and class 12

LANGUAGES

English, Hindi, Telugu, Sanskrit.

Smart Floor Cleaning Robot — *Engineering Clinics Project*

Based on Arduino Uno, me and my team made an automatic floor cleaning robot which could also be controlled manually with the help of a companion app on a bluetooth enabled smartphone.

Smart Door Lock with Home Automation — *Engineering Clinics Project*

Smart Door Lock based on Raspberry pi, using RFID, Biometric Face Recognition and Keycode as security features. The system could be further extended and be used to integrated to work with smart homes and home automated devices.

Gesture Controlled Robotic Arm — *Engineering Clinics Project*

Gesture controlled Robotic Arm based on Raspberry pi, using accelerometer, multiple flex sensors and stepper motors. We used an analog to digital converter for data input from flex sensors and mapped gestures using values from both accelerometer and flex sensors to their respective motor motions.