

Mayank Pathak

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EDUCATION

**BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING**
BTECH IN COMPUTER SCIENCE
2016-2020 | New Delhi, IN
CGPA: 7.0 / 10.0

**CHHOTU RAM
RURAL
INSTITUTE OF
TECHNOLOGY**

Diploma in
Instrumentation &
control

Percentage: 71

**Govt. sarvodya
co. edu. School**
10th | CGPA: 8.2 / 10.0

LINKS

Github:// mayankpathak656

LinkedIn:// mayank-pathak-1160b4163

COURSEWORK

UNDERGRADUATE

Algorithms and Data structures
Object Oriented Programming
Operating Systems
Database Management System
Computer Networks

SKILLS

PROGRAMMING

Proficient:

C++ • C •

Javascript • Arduino

• Ladder language • HTML

• CSS • Bootstrap

Comfortable:

Python • NodeJs

Familiar:

MongoDB • MySQL

ACHIEVEMENTS

2017 5/70 HackDTU

2018 7/200 Digifest

EXPERIENCE

EVELYN LEARNING PVT. LTD | QUALITY ANALYST

May 2020 – Present | New Delhi, IN

- Reviewed and created files and check content
- Reviewed code of authors
- Worked with the Technical Content Team

PROJECTS

FAST VIOLENCE RECOGNITION IN VIDEO SURVEILLANCE BY INTEGRATING OBJECT DETECTION

Aim is to create an intelligent system that can analyze long sequences of videos without human intervention from a large number of cameras that will help in avoiding catastrophe and mitigate violent threats faced by people each day

HAND GESTURE ROBOT

Worked with ARDUINO, 3-axis Accelerometer and 3-axis Gyroscope sensor

A **hand gesture** controlled **robot** is developed **using** MPU6050 the controller part is **Arduino** Nano. Instead of **using** a remote control with buttons or a joystick, the **gestures** of the **hand** are used to control the motion of the **robot**

PLC BASED AUTOMATIC BOTTLE FILLING SYSTEM

Developed ladder logic in WPL software and is verified in DELTA PLC. A ladder logic program of a typical application often results in complex software that is difficult to manage during configuration, and especially, during maintenance. The difficulty lies in a typical problem with real-time control software that is exacerbated by ladder logic. Individual components of PLC software are characteristically asynchronous, resulting in unpredictable interactions, project is based on Industrial automation and is a vast application used in many industries

LEADERSHIP

- Documentation head at NSS BVP
- RNIS Executive at DSC BVP