

Vishal Kathpalia

Final Year (B.Tech)

Computer Science & Engineering
at Lovely Professional University
CGPA:8.67(Pursuing) till 6th sem

Address

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Links

Github: [github/Er-Vishal-Kathpalia](https://github.com/Er-Vishal-Kathpalia)
Hackerrank: [hackerrank/Vishal-Kathpalia](https://www.hackerrank.com/Vishal-Kathpalia)
Codechef: [codechef/Er-Vishal-Kathpalia](https://www.codechef.com/Er-Vishal-Kathpalia)

Technical Skills

OPEARTING SYSTEM

Windows, Linux, MacOS

PROGRAMMING LANGUAGES

C/C++, Java, Python, R programming

FRAMEWORK

HTML, CSS, JavaScript, Web-development

DATABASES

MySQL, MongoDB, Oracle

TOOLS

Devops, Git, Maven, Docker

Unity(Games), Tableau

MSOffice/Office365, Excel(Pivot Table)

Organization

Technical Intern at PentaOmnia

Coursework

Data Structures and Algorithm
Object Oriented Programming using C++
Data Cleaning and Analysis
DevOps tools (Git,Maven,Docker,Jenkins)
Database Management System (MySQL)
Operating Systems

Interest

Reading, Writing, Singing, Travelling

Languages

English, Hindi, Punjabi

Project

Speech Recognition Software Using Python

20-Nov-2019

This project is made from the python language by using SpeechRecognition, Pyaudio and Pyqt5 libraries. It is the GUI based application work as like the Microsoft Cortana. It contains different section and can be used as an assistant for the Computer.

Python, SpeechRecognition, pyaudio, PyQt5

Github Link: [Speech-Recognition-Software](https://github.com/Vishal-Kathpalia/Speech-Recognition-Software)

Arduino Based Servo Door Lock System with Keypad and Bluetooth Android App

20-Feb-2019

The project is based on IOT. This project can be used for the security purpose in which the door can be unlocked by a password using keypad as well as from the bluetooth mobile phone with application installed on user's mobile phone as an emergency key.

IOT, Arduino Programming, Hardware

Construction Website Using HTML, CSS

25-Apr-2019

The project is based upon the user-friendly construction website using HTML tags and by using CSS and javascript.This website contains the login page for employees and many other pages linked with homepage.

HTML, CSS, JavaScript

Github Link: [HTML Project](https://github.com/Vishal-Kathpalia/HTML-Project)

Library Management System

2-Apr-2019

Created with C and C++ language for the successful completion of college subject of C and C++ programming language.

Object Oriented Programming, C++

Github Link: [Library-Management-System using OOPS](https://github.com/Vishal-Kathpalia/Library-Management-System-using-OOPS)

Education

2018-2022 **Lovely Professional University**
B.Tech(Computer Science and Engineering)
CGPA:8.67/10 till 6th semester

Pursuing

2016-2018 **Swami Vivekanand Public School**
Marks-70.4/100

XII-(CBSE)

2003-2016 **Nav Jyoti Vidya Mandir High School**
Marks-89/100

X-(HBSE)

Certification/Achievement

NPTEL Certification on Data structures and Algorithms

DS-Algo

The certificate is issued by NPTEL for successfully completed the course of data structure and algorithm with python with Elite Grade.

CERTIFICATE OF REPRESENTING SCIENCE PROJECT

Physics

The Certificate is issued by the CBSE affiliated school named as Swami Vivekanand Public School, Yamuna nagar for winning the third price in representing tesla coil in School Exhibition.