

# 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, MangoDB, 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  
Database Management System  
Operating Systems  
Good Communication & Leadership Skills

## 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: [github.com/Speech-Recognition-Software](https://github.com/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: [github.com/HTML-CSS-Project](https://github.com/HTML-CSS-Project)

### Library Management System

2-Apr-2019

This project is Created with C++ using object oriented programming concepts for the successful completion of college subject of C and C++ programming language.

*Object Oriented Programming, C++*

Github Link: [github.com/Library-Managment-System](https://github.com/Library-Managment-System)

## Education

2018-2022	<b>Lovely Professional University</b> B.Tech(Computer Science and Engineering) CGPA:8.67/10 till 6th semester	<b>Pursuing</b>
2016-2018	<b>Swami Vivekanand Public School</b> Marks-70.4/100	<b>XII-(CBSE)</b>
2003-2016	<b>Nav Jyoti Vidya Mandir High School</b> Marks-89/100	<b>X-(HBSE)</b>

## Certification/Achievement

<b>GeeksForGeeks Self Placed Data Structure Course</b>	<a href="#">Link</a>	<b>DS-Algo</b>
The Certificate from GeekforGeeks for completing self placed course.		
<b>NPTEL Certification on Data structures and Algorithms</b>	<a href="#">Link</a>	<b>DS-Algo</b>
Certificate for NPTEL course of Data Structure and algo with python.		
<b>CERTIFICATE OF REPRESENTING SCIENCE PROJECT</b>	<a href="#">Link</a>	<b>Physics</b>
Certificate for representing tesla coil as project at district level.		