

# Vipul Kumar

Boys Hostel 2, IIIT Allahabad, Devghat, Jhalwa, Allahabad, Uttar Pradesh 211015

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## Profile

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### Objective

To pursue a challenging career and be a part of progressive organization that gives a scope to enhance my knowledge and utilizing my skills towards the growth of the organization.

## Education

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**Indian Institute of Information Technology Allahabad**  
GRADUATION COURSE B-TECH INFORMATION TECHNOLOGY  
CGPA – 7.94

*Allahabad,UP,India  
2015-Present*

**Rajdeo Singh College , BSEB**  
BIHAR BOARD INTERMEDIATE EXAMINATION - CLASS XII  
Percentage – 75.00

*Siwan,Bihar,India  
2014-2015*

**Mahaviri Saraswati Vidya Mandir , CBSE**  
ALL INDIA SECONDARY SCHOOL EXAMINATION - CLASS X  
CGPA – 9.8

*Siwan,Bihar,India  
2012-2013*

## Projects

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### Multiuser Chatting System

*3rd Semester*

Developed Multiuser Chatting System, 'Swift'. Application provides a chat group to chat and have basic features like changing profile picture,private chat,list of online users.

Tools: Java(JavaFX), MySQL Database, Netbeans 8.0.2, Windows 10, MS-Power point.

[https://github.com/vgswn/Swift\\_multiuserchat](https://github.com/vgswn/Swift_multiuserchat)

### Airline Booking System

*4th Semester*

Developed an Airline Booking System portal.The Application provides Searching and booking an air ticket between various cities and provides PNR Enquiry. Admin can delay or cancel any flight.

Tools: Java(JavaFX), Oracle Database, Netbeans 8.0.2, Windows 10, MS-Power point.

<https://github.com/vgswn/Dbms-AirlineBookingSystem>

### Match Portal for Couples

*4th Semester*

Developed a Match Portal for Couples named as Dating Town using C++ as a part of Assignment in Principle Of Programming Languages.

Tools - C++ , Ubuntu 16.04.

<https://github.com/vgswn/ppl-assignment-vgswn>

### Time Table Generation for IIIT-A

*5th Semester*

Developed an application to generate timetable for IIIT-A. Application uses input and generates the timetable for all batches. It generates timetable for Teachers as well.

Tools - CodeBlocks C++, Java(Java-Fx),Netbeans 8.02,Ubuntu 16.04

<https://github.com/vgswn/timetable-generator-5thSem-project>

Developed Carrer Guidance Expert System using Jess which uses MBTI test for finding out the personality and interests of the person thereby suggesting the right career choices for them .

Tools - JESS , Windows 10.

<https://github.com/vgswm/Jess-Career-Guidance>

**Plotter Interpreter in C++****6th Semester**

Developed a mini Compiler cum Interpreter for plotting various mathematical functions as a project of Compiler Design.

Tools - C++ , Yacc , Lex , Python , Ubuntu 16.04.

<https://github.com/CosmicCoder96/plotiler>

**Distributed Chat System****6th Semester**

Developed an application for chatting using concepts of distributed systems. Users can create groups, chat in groups, chat individually. Application also provides voice call facility.

Tools - Java , JavaFX , Mysql Database , Netbeans 8.02 , Ubuntu 16.04.

<https://github.com/vgswm/distributed-chat-server>

**Image Classification using Active-Zero-Shot-Learning****6th Semester**

Applied Zero-Shot-Learning for Image Classification using Google Word2Vec and Keras vgg19.

Improve accuracy by applying Active Zero-Shot Learning

Tools - Python3.5 , Keras, Numpy , Scipy , Sklearn, Ubuntu 16.04.

<https://github.com/vgswm/ML>

**Skill Sets and Interests**

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**Skills**

- **Programming Languages** : C , C++ , Java , HTML(Basic) , SQL , Python .
- **Platform** : Windows and Linux.
- Data Structures and Algorithms, Machine Learning(Basic), Distributed Systems, Artificial Intelligence, Data Mining, Blockchain and Cryptocurrency Technologies.

**Interests**

- Playing Badminton, Watching Cricket.
- Listening Music, Watching TV Series.

**Accomplishments**

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- Actively participated in various co-curricular activities of college.
  - Regularly take part in competitive programming competitions on websites like Spoj and HackerEarth.
  - Developed an Interface for Student Representative of various Department of School using basic HTML in 10th Class.
- Link : [https://github.com/vgswm/html\\_basic\\_class\\_10th](https://github.com/vgswm/html_basic_class_10th)