

# Vibhu Agarwal

Python Enthusiast | Web Developer

I have an active contribution to multiple open source projects which I find interesting and useful. I like to explore new technologies and adapt to their methodologies by being involved in different communities and events and inquisitively learn from every opportunity that comes my way.

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Noida, India 📍

vibhu-agarwal.github.io/ 🌐

linkedin.com/in/vibhu4agarwal in

github.com/Vibhu-Agarwal 🐙

## EDUCATION

### Computer Science and Engineering (B.Tech. & M.Tech.)

Jaypee Institute of Information Technology, Noida 📍

2017 – Present

7.8 CGPA

### X & XII std. (I.S.C.)

St. Joseph's College, Allahabad 📍

2015 – 2017

90%(X) | 88%(XII)

## PROJECTS

Ministry of Statistics and Programme Implementation (MOSPI) - Website (03/2019)

- A Django powered Website made for MOSPI to automate the tasks and reduce loads of their manual work to read raw data from excel sheets, re-plot them, make calculations, report statements and view insights

Attendance Management using Face Recognition (07/2018) 📍

- A desktop application to manage the attendance management system of an institute through facial recognition
- Used openCV libraries for face detection and recognition and maintained data in excel files through python scripts

Automated FB Post (Speech to Text) (03/2018) 📍

- Used browser automation in python and wit.ai for speech-to-text conversion to post on Facebook through voice or audio

## WORK EXPERIENCE

### Back-end Web Developer (Intern)

Creescync Software 📍

05/2019 – 08/2019

Achievements

- Developed Back-End for an e-commerce website 📍
- Worked on REST Framework - Developed and Restructured APIs and managed Databases (Postgresql, MySQL, Sqlite)
- Worked with GCP and AWS for deployment options

### Technical Content-Writing Intern

GeeksforGeeks 📍

03/2019 – 04/2019

Achievements

- Wrote 10 articles explaining about DataClasses (Python 3.7), API Development, Web Scraping and Flask Framework
- Improved many existing articles by adding Python3 codes or debugging them

## SKILLS

Web Development

API Development

Django

AWS

GCP

Python Packaging

Web Scraping

Testing

Selenium

Git

Machine Learning

## OPEN SOURCE

Contributor to pandas 📍

Fixed issue in DataFrame construction with passing a mixed list of mixed types could segfault by fixing tuple to list conversion in cpython

Contributor to kivy's plyer 📍

Fixed an issue regarding string comparison and its behaviour in both versions of Python (2 & 3) by using decode method

## ORGANIZATIONS

Developer Student Clubs, IIIT (08/2018 – Present) 📍

Technical Co-ordinator - Organized workshops, conferences and hackathons. Taught and mentored other students about several technologies ranging from static websites, managing databases and handling back-end servers

## ACHIEVEMENTS

GCP Quest Leader | Qwiklabs (07/2019 – Present) 📍

Completed over 70 labs and 5 Quests. Delivered a talk on GCP and hosted Cloud Study Jam at DSC IIIT, Noida, attended by over 300 students from across Delhi-NCR region

1st Runner-Up | Smart India Hackathon (03/2019) 📍

At Grand Finale of SIH2019 for the Ministry of Statistics and Programme Implementation, Government of India

Challenge Acceptor - ML Intern | Internity Foundation (02/2019) 📍

Title of Challenge Acceptor for Machine Learning Intern during internship with Internity Foundation

Runner-Up - Execute 18.1 | Knuth Programming Hub (04/2018) 📍

1st runner-up at Inter-college competitive programming competition held at IIIT, Noida

## LANGUAGES

Python



Java



## INTERESTS

Cloud Computing

Linux

Software Packaging

Competitive Programming

Football

Robotics