

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

- 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

- 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

API Development

Django

MongoDB

AWS

GCP

Web Scraping

Git

Testing

Selenium

Machine Learning

Data Structures

Algorithms

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

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



Javascript



Java



INTERESTS

Cloud Computing

Linux

Software Packaging

Competitive Programming

Football

Robotics