Vibhu Agarwal

Python Enthusiast | Full-Stack Developer

I like to keep myself up-to-date with 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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EDUCATION

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

Jaypee Institute of Information Technology, Noida 🔗

08/2017 - 05/2022   *8 CGPA*

PROJECTS

Binge-o-Philia - Android/iOS (04/2020 - 07/2020) 🔗
- A full-fledged social networking platform developed for movie enthusiasts - to keep them connected, updated and well managed of their time, activities and data
- A cross-platform app developed in React-Native powered by Django-based back-end (PostgreSQL and AWS for data storage)

Ministry of Statistics and Programme Implementation (MOSPI) - Website (03/2019) 🔗
- A Django powered Website made for MOSPI to automate the tasks and reduce their manual workload to read raw data from excel sheets, re-plot them, make calculations, report statements and view insights

Attendance Management using Face Recognition - Desktop Application (07/2018) 🔗
- An app to manage attendance management system of an institute through facial recognition and automated maintenance of data in excel files (Tech Stack: openCV and openpyxl)

WORK EXPERIENCE

Back-end Developer, Intern

Viga Entertainment Pvt. Ltd. 🔗

03/2020 - Present
- Designed database model and created APIs for a Movie-Asset storage and management system (MERN stack)
- Created custom SDL for Web-APIs and wrote queries for Movie-Data Analytics software to derive insights (MongoDB Full-Text-Search and Aggregation Framework)
- Developed Single-Sign-On (SSO) to authenticate different products offered by Viga Studios (Django) 🔗
- Containerized back-end applications (Docker) and deployed the same on Google-Cloud-Run
- Created CI/CD pipelines using GitHub and TravisCI

Back-end Web Developer, Intern

Creesync Software 🔗

05/2019 - 08/2019
- Developed back-end for an e-commerce website (GoldGali) 🔗
- Restructured RESTful APIs (Django) and managed databases (Postgresql, MySQL, Sqlite)

SKILLS

`API Development` `Django` `NodeJS` `MongoDB` `React Native` `AWS` `GCP` `Docker` `Testing` `Web Crawling` `Data Structures` `Algorithms`

OPEN SOURCE

Mentor - JIIT Month of Code (2019) 🔗

Mentored contributors on two projects from Marauders organization - Shared resources & promoted good practices of open-source overall

Contributions (2018 - Present)

Contributed to a number of organizations: pandas-dev, kivy, nexB, pythonindia, razorpay, django, react-navigation, Marauders, codeuino

ORGANIZATIONS

Developer Student Clubs, JIIT (08/2018 - Present) 🔗

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

TALKS AND ACHIEVEMENTS

Speaker | PyCon India 2020 (10/2020) 🔗

Delivered a talk on "Developing a Single-Sign-On Service using Django" at the Python Conference, India

GCP Quest Leader | Qwiklabs (07/2019 - 06/2020) 🔗

Delivered a talk on GCP and hosted Cloud Study Jam at DSC JIIT, 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

LANGUAGES

Python	●●●●●
JavaScript	●●●●○
Java	●●●○○

INTERESTS

`Software Packaging` `Command Line Interfaces` `Documenting` `Mentoring` `Teaching` `Robotics` `Football`