Sandeep Chauhan

+91-6005030657

sandeepsajan0@gmail.com
Katra, J&k, India

Summary I am passionate about creating web apps for solving the problems that I have noticed around me. I always try to enhance my problem solving skills. I am an active open source developer contributed in [Python Hydra.](#)

Experience

Google Summer of Code Student

April 2018 - August 2018

- **Implement Redis as a datastore** This project required the knowledge of database especially Redis and Python. I have implemented Redis as a datastore for [hydra-client](#).

Open Source Contribution

Python Hydra

Feb 2018-present

- **python-hydra-agent** I am one of 4 contributors who have made this project. I have implemented Redis as a graph database using redisgraph and Cypher. I have also created a Docker env., write tests, use designing patterns and etc..
- **hydrus** I have add UUID in database and also add auto documentation using sphinx and fix some easy issues.
- **hydra-astrodemo** I have created a demo for hydra-client using flask which also using the hydra-parser and hydrus server.

Kivy

Oct 2017

Fix some small issue and get familiar with internals.

Projects

- **MyCollege**
  Sept 2018-present
  It is a web app for colleges or universities which will help to maintain the transparency in college or universities.

- **Social Networking**
  Nov 2017-April 2018
  Django based Chat app using database postgresql and deployed on heroku.
- **Some small projects to become familiar with these technologies**
  - Some simple apps based on kivy plyer.
  - Snake game based on pygame.
  - Implement Redis with flask.
  - A simple kit-kat game using python.

Education
- High School and Intermediate(*2013 and 2015 respectively*)
    Sarang Convent School, Dhampur, UP, India
- Bachelor of Technology(*Present*)
    Shri Mata Vaishno Devi University, katra, India

Miscellaneous
- Student Coordinator at The CodeClub, SMVDU.
- Conduct or Organize the various open source program like SFD.

Skills
Python2/3, Django, Redis, Git, Bash, C, Linux, SQL, HTML and CSS, javascript