Sandeep Chauhan

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

Experience

Google Summer of Code Student

April 2018 - August 2018

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

Open Source Contribution

Hydra Ecosystem

Feb 2018-present

- **hydra-python-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

- **Friends**

  October 2018 - Present

  A anonymous web chat app. Its implementation is based on technologies Django, Reactjs and sqlite3.

- **Social Networking**
  Nov 2017 - April 2018
  A blogpost web app which implemented using Django, and PostgeSQL. It is also deployed on heroku.

- **Reactjs Projects**
  Mar 2019
  - friends_passion
  - ReactSwapi_Api
  - Calculator
  - router-sample

- **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, Reactjs, Redis, PostgreSQL, Git, Bash, C, Linux, SQL, HTML and CSS, javascript, docker