Sandeep Chauhan

+91-6005030657

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

Summary Computer science engineering student with good programming skills. Python developer with 2 yrs of experience and good problem solving skills. Quick learner and understanding of different languages. Passionate about scaling the things.

Experience

Intern at Spoonshot *(Full-stack developer)*

May 2019 - Aug 2019

- Python/Django based implementation of an automated web scraping framework with bs4 and selenium.
- Deployed a proxymanager for scraping framework.
- Dockerize the framework and scale it with mongodb, celery workers and aws.
- Implement monitoring system with Grafana and influxdb.

Google Summer of Code Student

Apr 2018 - Aug 2018

- Python based implementation of [Hydra Client](#).
- Implemented Hydra Client with the datastore Redis which also works as a cache for Hydrus.
- Developed a web app using flask for hydra-client demo.

Open Source Contribution

Hydra Ecosystem

- **hydra-python-agent** One of the main contributor who have built this project. Implemented Redis as a graph database using redisgraph and Cypher. Also created a Docker env., write tests, use designing patterns and etc.
- **hydrus** Add UUID in database and also add auto documentation using sphinx and fix some easy issues.
- **hydra-astrodemo** Created a demo for hydra-client using flask which also using the hydra-parser and hydrus server.

Kivy

- Update plyer's camera facades to work on android also.

Projects

- **Reactjs Projects**
  - Calculator
  - router-sample
  - friends_passion(Beginner-friendly project to iterate over json data)
  - ReactSwapi_Api(React app to consume api and show data of swapi.co)

- **Friends**
  An anonymous web chat app. Its implementation is based on technologies Django, Reactjs and sqlite3.

- **Social Networking**
  A blogpost web app which implemented using Django and PostgreSQL. It is also deployed on heroku.

- **Some small projects to become familiar with these technologies**
  - Implement Redis with flask.
  - Snake game based on pygame.
  - Some simple apps based on kivy plyer.
  - A simple kit-kat game using python.

Education
- **Bachelor of Technology**(2016-*Present*)
  Shri Mata Vaishno Devi University, katra, India

Miscellaneous
- Student Coordinator at The CodeClub, SMVDU.
- Conduct and organize the various workshops, and programs like SFD.

Skills
Python, Django, Reactjs, PostgreSQL, Redis, Git, Bash, Docker, Celery, C, Linux, SQL, HTML and CSS, JavaScript