

Sandeep Chauhan

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Summary I'm a Software Developer with 3 years of volunteer experience in Backend development. I have major experience with Python and Django. I love to work remotely with global developers. I have good problem-solving skills. I am a quick learner and passionate about scale applications.

Experience

[Eoraa](#) Full-time(Backend Developer)

Apr 2020-Present

- Developed backend APIs for mobile and CMS of a japan based travel company.
- Building an online food order management application backend as a lead developer.
- Developed all time data upload APIs and done with other important tasks.

[Remote Inning](#) Part-time Contract(Full-stack developer)

Jan 2020 - March 2020

- Developed the backend APIs with the JWT Authentication for a single-tenant and multi-tenant architecture applications.
- Integrate Wagtail CMS with a static site template, create its models, templates, templatetags and etc.
- Upgrade the cookiecutter-django-foundation with the foundation site's version.

[Spoonshot](#) Intern(Full-stack developer)

May 2019 - Aug 2019

- Scaling and performance improvements of web crawlers implemented using Python/Django.
- Deployed a proxymanager for scraping framework on Django server with Redis.
- Dockerize the scraping framework and scale it with mongodb, celery workers and aws.
- Implement monitoring systems with Grafana and influxdb.

[Hydra Ecosystem](#) Google Summer of Code(Student)

April 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-python-agent](#) One of the main contributors 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 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.
- <http://apis.github.io> Write documentation for all the work done by me and also for some other projects related to my work.

Projects

- **Wagtail-centrarium**
Portfolio site, using a static template(centrarium), with the great Wagtail CMS features. Portfolio sites can be generated in less than 2 mins with the help of this project.
- **Go Web App**
A Web app implemented with Golang using Redis as a database having features routing, authentication, middleware, comments, error handling. It is a good reference for beginners because of its modules and good structure.
- **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 implemented with Python, Django, Reactjs with database sqlite3 have some great functionalities like authentication, public and private groups(without showing users), API's, messaging/posting, API's data presenting using Reactjs.
- **Social Networking**
A blogpost web app which is implemented using Python, Django and PostgreSQL as a database having features like authentication, manage profiling, blogs posting (with date and name). It is live or deployed on heroku.

Education

- **Bachelor of Technology**(2016-2020(expected))
Shri Mata Vaishno Devi University, katra, India

Miscellaneous

- Student mentor/guide at The CodeClub, SMVDU.

Skills

Backend Development: Python(Django, Wagtail), Golang

Frontend Development: React.js, HTML and CSS, JS

Databases: PostgreSQL, MySQL, Redis, Mongoddb, sqlite

Operating System: Linux(ubuntu)

Other tools: Git, Bash, Docker, Celery, RabbitMQ, Grafana, influxdb, AWS