

Sandeep Chauhan

+91-6005030657

sandeep-chauhan.com

[LinkedIn](#) [Github](#)

sandeepsajan0@gmail.com

Moradabad, India

Summary I'm a Software Developer with 3 years of the learning experience. I have majorly worked with Python and Django. I also had some good hands with Reactjs, HTML, CSS. I have good problem-solving skills. I am quick and self-learner.

Experience

Backend Developer at [Eoraa](#)

Apr 2020-Present

- Developed APIs for mobile application and CMS for a travel consultant company.
- Developed backend of an online food ordering application as a lead developer.
- Worked on Django migrations very closely including fake migrations, and etc. Maintain the projects on GCP with multiple environments.
- Developed all-time data upload, data migration APIs also worked on query optimization with iterative, bulk_create, and other methods.

Full-stack developer(contract) at [Remote Inning](#)

Jan 2020 - March 2020

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

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

May 2019 - Aug 2019

- Scaled and improved performance of web crawlers, implemented using Python/Django. Add multiple functionalities to make it simpler.
- Deployed a proxymanager for scraping framework on the Django server with Redis.
- Dockerize the scraping framework and scale it with MongoDB, celery workers and AWS. Also, implement monitoring systems with Grafana and InfluxDb.

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

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](#) I was the main contributor who has 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 the 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**
Integration of the wagtail CMS with the static template(centrarium) to create a Portfolio site. A portfolio site 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 that is implemented using Python, Django, and PostgreSQL as a database having features like authentication, manage to profile, blog 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 guide and Program Host at The CodeClub, SMVDU.

Skills

Backend Development: Python(Django, Wagtail), Golang

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

Databases: PostgreSQL, MySQL, Redis, MongoDB, sqlite

Operating System: Linux(ubuntu)

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