

Diwanshu Soni

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Backend engineer with experience in micro services development. Looking for a challenging role that involves working with a team or otherwise to solve the problems in the required time while maintaining quality by utilizing expertise in system designing and development using agile development methodologies.

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WORK EXPERIENCE

Zolve, Bengaluru — *Backend Engineer (March 2021 - Current)*

- Developed and maintained multiple core backend services which scale as per demand. Managing these services to keep up with security and product specifications.
- Orchestration service written in python using the django framework handles all client requests, authentication, rate limiting and aggregation of data from various downstream services.
- Referral service to link users referrals and rewards as per various marketing campaigns
- Billing service to handle the user bill payments and auto-pay on the product.
- Rewrite of the orchestrator service in Java to improve latency and throughput. Api design discussion to enable client integration with backend services.
- Developed aws lambda based health check for the services.
- I have been using Kafka, Sqs, Redis, MySQL, Django, Spring Boot to build the components.

Technologies: Python, Django, Elastic search, Kafka, AWS Lambda, MySQL, Kubernetes.

Belong, Bengaluru — *Backend Engineer (August 2019 - March 2021)*

- Developed template system that is coupled with the email sending feature to enable automated content generation for reach outs via product.
- Maintaining and improving the existing features as per product design, client requirements while refactoring and documenting the code wherever required.
- Wrote data migration scripts that are fine-tuned to run on a server with limited resource and time constraints.
- Patched critical security vulnerabilities in the product.
- Built serverless api using aws lambda working as a proxy server, along with it used aws dynamodb service to model the tables as per required data access patterns in application.
- Developed JWT based authentication backend and integrated google oauth for login and signup for the b2c web application.
- Migrated the codebase of b2c web application from python2 to python3.
- Built an internal tool for management of the customer success team in tracking, communicating and resolving customer issues and bugs in the product.

Technologies: Python, Django, Celery, AWS Lambda, AWS S3, AWS Dynamodb, Postgres, Redis, Kubernetes.

PROJECTS

- **Face and facial features detection app:** Used dlib, opencv to implement face and facial features' detection. Used django to create a web application that can work on the heroku server. <https://onedsoni.herokuapp.com>
- **Twitter sentiment analysis:** Used tweepy to fetch tweets via hashtags and perform data cleaning for sentiment analysis on top of it using textblob. <http://twittrdata.herokuapp.com>
- **Hackernews clone:** Used beautifulsoup to scrape data from a webpage, implemented the web application in django and hosted on heroku. <https://hnewsclone.herokuapp.com>

Technologies: python, dlib, opencv, django, web scraping, tweepy, sentiment analysis, heroku, sqllitedb

EDUCATION

B.Tech CSE (2015 - 2019)	JECRC Foundation, Jaipur	68%
class 12th (2013 - 2014)	H.G. International School, Aburoad	83%
Class 10th (2011 - 2012)	St. Anselms' Senior Secondary School, Aburoad	95%

