

WORK EXPERIENCE

Software Developer Balance (balance.tech)

11/2016 – Present

Bangalore

Balance is a financial technology product helping its customers to invest in mutual funds effortlessly.

Achievements

- Built robust and reliable system for user's investment accounting, with multiple fail and error checks to make sure that everytime user gets correct information related to their investment in our application.
- Built various adapters for backend system, like an event-trigger adapter for sequentially distributed workflows and log-stream adapter for logs analytics.
- Created a failover system for long-running backend jobs with minimum to no repeated transactions, using reliably distributed workflows.
- Developed caching engine for high throughput API with a reliable framework for uniform naming of the cache keys and keeping data in caching layer fresh.

Backend Developer YMS Mobitech (getcult.com)

01/2016 – 10/2016

Noida

Cult is a consumer electronics division of YMS Mobitech, that sells products like live car tracking, smartwatches, etc.

Achievements

- Designed and developed an automobile safety solutions application streaming real-time data from vehicle's universal OBD port to backend servers using TCP/IP protocol for analysis.
- Developed Node.js TCP consumer service for OBD data consumption, and passing packets to python service for extracting meaningful information out of the hexadecimal encoded data.
- Developed API for frontend app using Django Framework.

EDUCATION

B.Tech (Electronics and Communication)

ABES IT Group of Institute

06/2009 – 08/2011

SKILLS

Python

Financial Software

Application Programming Interface

Flask / Django

Automation

Docker

Pytest

Reactjs

ORM (SQLAlchemy, Django ORM)

PERSONAL PROJECTS

Mutual Fund Advisory Platform (06/2017 – 12/2017)

- Created a CRM application for Zerodha sub brokers to advise mutual funds to their customers.

Mono Propeller Drone (11/2014 – 05/2015)

- Created a cross framed drone with direction control flaps at the bottom, to direct and manoeuvre the upwards force by the mono DC-motor placed at the top of the frame. Arduino was used for controlling the speed of DC motor and the direction of servo motors (connected to flap).

Open source (Weekend Projects) (01/2015 – Present)

- API Gateway Microservice
- Search Microservice API
- Editor Microservice
- Lifetime Goal Application

LANGUAGES

English

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Hindi

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INTERESTS

Machine Learning

Sketching

Boxing

Listening Alternative Rock