

# CLIFTON AVIL D'SOUZA

Email: [cliftonavil@gmail.com](mailto:cliftonavil@gmail.com)

Mobile: 9743702167

Software Engineer with 5 years of experience mainly focused into backend engineering with exposure into cloud and its infrastructure

**Technologies:** Python, Django, Django Rest Framework, API, PyTest, PostgreSQL, Git, AWS, Terraform, Celery, Newrelic, Linux, Jira, Bitbucket, JavaScript, HTML, CSS

## WORK EXPERIENCE :

### Blowhorn, Catbus Infolabs (11/2021 - Present)

#### Job Title: Software Engineer

As a backend developer for a logistic company, I own modules such as last-mile delivery, Delivery Route optimization, WhatsApp chatbot, fake attempt flow

- Implemented Delivery route optimization with external services in 3 Phases
- IVR Based Call reminders for Drivers regarding trips and allocate contingency based on responses
- Worked on WhatsApp chatbot to book trucks for customers and shipment order status notification to end customers
- Implemented Shipment Split Order (Child AWB Number)
- Route Optimisation based on Shipment Order Weight & Volume for Vehicle, and notify customer with webhooks about the approximate time of delivery
- Developed volumetric-based weight capture of orders, and GMV based invoicing
- Created custom webhook for customers about order status
- Used Materialised View for quick data export and reduced load on the server
- Reduced Fake delivery attempts by the delivery executive, by minimum call masking duration, IVR call, geolocation of delivery, OTP, alerting Operation teams while orders marked as Unable-to-deliver

#### Recognition and Award:

Best Performance Award for 2 Quarters

### Behtar Supermarket, LMIH Technologies (12/2019 - 10/2021)

#### Job Title: Software Engineer

Worked for Startup companies as a backend developer for its internal software across Warehouse and Stores which includes inventory management modules like POS, Purchase Order, GRN, SKU, Stock Transfer, Direct Store Purchase, Inventory Audit, Offers, Coupons, Sales Return across Bangalore and Delhi.

- Django Admin Customization based on operation requirements.
- Created Mobile API's for Mobile and POS.
- Integrated Google Play Store Reviews to Slack
- Integrated Django Server Logs to Newrelic with AWS Kinesis data firehose for log analysis
- Worked on ticking system to report an issue
- Created a sales insights dashboard to visualize data

- Optimized Warehouse SKU Picking time based on Bays and Category
- Simplified Purchase Order using Ajax
- Created Invoices for Stock Transfer
- Individually Handling Warehouse Operations as a part of the tech

## **Netzary Infodynamics (10/2018 – 12/2019)**

**Job Title: Software Engineer**

**Project Title:** Namasthe24x7, Namasthe24x7 will be offering government job alerts across India

### **Responsibilities :**

- Individually worked on admin and franchisee module
- Razorpay payment gateway integration
- Created API for mobile app
- Report generation

**Project Title:** Visitor Management System

Developed a Visitors Management System web application Aurobindo Pharma to create appointments and track visitors.

### **Responsibilities :**

- Individually responsible for an entire web application.
- Developed admin, employee, and security modules.
- Developed web-based visitor photo capture in the security module.
- Created API for employee and security mobile app.
- QR Code Generation for each visitor
- Report generation

**Project Title:** Fresh Connection

Fresh Connections is an E-Commerce Project. Worked on the enhancement of an existing project which was built on Django Oscar

### **Responsibilities :**

- Changed Project UI which the client provided
- Integrated PayU Payment Gateway

## **EDUCATIONAL QUALIFICATIONS:**

**M. Sc in Software Technology – 2018**

St. Aloysius College, Mangalore

Mangalore University