

Tushar Dugar

Software Developer

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An aspiring tech-enthusiast inspired by the world of finance and technology with an entrepreneurial-mindset. Passionate about coding and learning about latest technologies.

WORK EXPERIENCE

EasyEcom (June 22, 2022 - Present)

Software Development Engineer Intern

- Order-Import Microservice Framework including Webhooks -> Architected, developed and implemented a micro-service framework to efficiently import marketplace orders, reducing lag time between order creation and import. -> Implemented support for webhooks, resulting in successful integration with CRED marketplace and the import of over 370,000 orders in near real-time over a span of 2 months.
- Revamped the entire Auth/SignIn Flow. - Implemented OAuth2 SignIn using Google and Microsoft. Implemented multi-account support which was not present previously. (Same User Credential Multiple Accounts with various roles) - This resulted in the removal of spam/dummy acoounts by 70% and verification of valid user credentials by 62%.
- Revamped the entire Order Manifest Flow of the system in OMS. Used Redis Caching and Job Queue multi-processing methods to preserve data and increased computaions respectively. This increased the efficiency of order manifest process by 2.5x.
- Meesho Marketplace Integration -> Successfully integrated Meesho marketplace into the system by utilizing data scraping techniques, resulting in the ability to perform OMS and WMS actions. -> Achieved daily processing of 800 orders, resulting in a revenue increase of approximately at least INR 40,000/month.
- Worked with Amazon Selling Partner APIs in order to integrate some OMS flows in our current code-base.
- Optimization of the Sales report and Invoice Generation queries for clients by using indexing and following query optimization practices which effectively reduced the report generation time from 15 minutes to less than 1 minute for a small client and from 4-6 hours to 15-30 minutes for larger clients depending upon load of the system.

www.easyecom.io

SKILLS

Backend Development	API Development	C++	Laravel/PHP
MySQL/RDBMS	Data Structures and Algorithms	System Design Basics	Javascript
NodeJS			

PROJECTS

Log Based Change Data Capture

Created a pluggable utility which interacts with an API hosted in a server which helps in Change Data Capture of Datasets of JSON type in the form of logs. Multi user approach

Realtime Crypto Trading Bot

A self-made algorithm which trades a selected cryptocurrency (like Bitcoin, Ethereum, et cetera) according to real-time RSI values in a selected time- frame. Programmed using python and API of Binance Platform.

EDUCATION

Kalinga Institute of Industrial Technology (June 01, 2019 - May 16, 2023)
Bachelors of Technology, Computer Science and Engineering CGPA - 9.13

The Frank Anthony Public School (May 01, 2017 - May 01, 2019)
Secondary School Certificate - ISC Board, Science Stream 91.0%

INTERESTS AND HOBBIES

FinTech	Blockchain Tech	Capital Markets	Crypto-currency
Watching Anime	Exploring Cafes and Restaurants	Netflix and Chill	Video Games