

Dhrutiman Sethi

Software Developer

Interested in building scalable web services and distributed systems which help solve real world problems

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WORK EXPERIENCE

SDE 2 Wheelseye

01/2023 - Present

Gurugram

Provide solution like tracking, alerting, demand of small and larger truck owner.

Tasks

- Designed and implemented a scalable data integration service to stream user and lead data into third-party CRM platforms, ensuring strong consistency and near real-time synchronization using Kafka Connect and Debezium; improved data pipeline reliability by 40% and reduced sync latency to under 1 min for 10M+ daily events.
- Owned and scaled the subscription service platform, managing user subscriptions, order creation, plan pricing, and segmentation for personalized offerings; implemented AutoPay to increase renewal rate from 60% to 75%, driving a 25% uplift in customer retention and predictable recurring revenue.
- Implemented a templated API body, reducing development time from 3 days to 1 hour by eliminating client API integration.
- Developed an SDK to capture persistent logging in Avro files for pricing and analysis for each third-party API call.
- Led a team responsible for handling nearly 60-70k requests per minute to/from a third party.
- Set up an integration testing service for seamless third-party API testing.

SDE 2 - Ordering Tech OYO Rooms

04/2022 - 12/2022

Gurugram

Tasks

- Responsible for designing, developing, and optimizing OVH Ordering Platform features, including booking, payments, refunds, and system stability.
- Built an alerting service with a custom Prometheus exporter, reducing issue detection time from 24 hours to near real-time.
- Optimized the redundant document creation system, enabling asynchronous document generation during booking, reducing latency and improving user experience.

SDE 1 - Ordering Tech OYO Rooms

08/2020 - 03/2022

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Tasks

- Optimized and migrated communication systems, critical APIs, CRON, and async jobs from a legacy ROR monolith to a multithreaded Spring-based service, reducing execution time by 70%.
- Integrated OYO Vacation Homes into the OYO stack, enabling order creation, modification, cancellation, and invoicing.
- Migrated a Progress 4GL monolith to microservices, designing and developing three complex services from scratch.

SKILLS

Java

Spring Boot

Kafka

Git

Redis

PostgreSQL

Aerospike

Python

MongoDb

HTML + CSS

C++

Design Pattern

PERSONAL PROJECTS

Automatons (Home Automation) (05/2019 - 05/2019)

- A low-cost, user-friendly home automation system controlled by voice and app, requiring only basic internet, to help seniors, disabled individuals, and improve the quality of life in modern times.

EDUCATION

Bachelor of Technology - EEE

National Institute of Technology, Warangal.

06/2016 - 04/2020

INTERESTS

Travelling

Gaming

Music

IOT