

## CASE STUDY

# MOCHILA FULFILLMENT



## OVERVIEW

Mochila Fulfillment provides order fulfillment and warehousing services to e-commerce brands.

They offer custom packaging solutions and returns processing for e-commerce orders in addition to fulfillment through wholesale and distribution channels.

## CHALLENGE

- make a custom **premium software** that will be used to follow all the process of shipments
- **validate** the address and get the **transparency** of the fulfillments
- integrate and **develop** new more feature that will **help** the team to **automate** their tasks

## SOLUTION

- we've **build** a custom **premium** software that's used by three different warehouses around the US for delivering e-commerce products.
- **improve** processing shipments, validating addresses and transparency for the fulfillments.
- we **implemented** a Webhooks service for our external API, to call our clients when different events happen.
- we **Integrated** an external shipment label provider, Shippo and deployed the ELK stack for our logging infrastructure.
- we **helped** to implement a gRPC architecture based on microservices and helped the team **automate** their tasks.

## TECH STACK

The tech stack used was React for the web app, Scala, Java, React, Maven, MySQL, Docker, ELK, Bitbucket Pipelines, Rollbar, Ansible, gRPC, Metabase

## TESTIMONIAL

"They did a **great** job by giving exactly what we expected and wanted from the first place. **Communication** was an important key in solving the problems quickly, the **professional** way of working together. We truly **recommend** DutyVentures!"