

# Sashyat Singh

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## EDUCATION

### • National Institute of Technology Kurukshetra

Bachelors of Technology in Electrical Engineering

July 2018 - May 2022

CGPA: 7.9

## TECHNICAL SKILLS

**BACKEND DEVELOPMENT:** Python, Django

**FRONT END DEVELOPMENT:** React JS, JavaScript, HTML, CSS

**DATABASES:** MySQL, PostgreSQL, MongoDB, Firebase, DocDB, DynamoDB

**MISCELLANEOUS:** C, C++, AWS, Docker, Apache Kafka, REST APIs, Redis, Git

**SOFT SKILLS:** Team player, Multi-tasking, Deliver results

## EXPERIENCE

### • Delhivery Private Limited

Software Developer

July 2022 - till date

Gurgaon

- I oversaw and managed E-waybill-service used for package mobility and accomplished reduction to it's related issue to 70 percent
- Achieved a significant reduction 30 percent in API response time by optimizing the existing PostgreSQL and es queries
- Improved real time visibility and tracking of package
- Reduced significant loss of revenue by automating a process to block fraud consignee shipment coming into Delhivery network
- During my tenure upgraded the python version of different lambdas
- Optimized task queuing operations by transitioning tasks to Kafka, leading to a substantial 40 percent reduction in worker server costs and alleviating the load on RabbitMQ
- Reduced cache calls to 1 million per day, reduced significant reduction in number of logs and Sentry
- Technologies: Django, MongoDB, PostgreSQL, Elastic-search, AWS, Kafka, Redis, Golang, Python

## PROJECTS

### • Object follower bot

Designed a bot which can follow any particular object

- Tools & technologies used: Arduino, Web-cam, Bluetooth, Embedded C, OpenCV
- A web-cam was mounted on bot which capture video in real time, which process last 1-sec video using OpenCV to identify the object-type(ex human, dog, etc) and it's position. After processing, it send the instruction to bot using captured by Arduino using Bluetooth. Based on instruction, bot follow Object)

### • Port-folio website

A mini project, I made my portfolio website in React js

- Tools & technologies used: Git, React js

## POSITIONS OF RESPONSIBILITY

### • Instructor, Yoga team

July 2019 - May 2022

## ACHIEVEMENTS AND INTERESTS

### • Won 1st Prize in Making Fly-back Converter(dc-dc) in college tech festival

Oct 2018

### • Won 1st Prize for Planning a new town in India, at the college tech festival

March 2019

### • Secured 7th rank in Bihar Engineering Entrance Exam (BCECE)

May 2018

### • Competitive Programming

### • Swimming

### • Yoga and Calisthenics