

YASH KILANIYA

(Software Developer at Delhivery)

 <https://yashkilaniya.github.io>  [linkedin.com/in/yashkilaniya](https://www.linkedin.com/in/yashkilaniya)

EDUCATION

B. Tech. in Computer Engineering – NIT KURUKSHETRA

2015 - 2019 CGPA 7.82

EXPERIENCE

Software Developer at Delhivery (June 2019 – Present)

Project - Echo

- Developed a microservice to send SMSs to the end customers.
- Used multi-threading model to reduce the duration of Lambda function, thereby reducing the cost of service by ~17%.
- Migrated the service from SNS to Pinpoint which further reduced cost by ~20%.
- Used Kinesis stream as a trigger for Lambda that creates and sends the SMSs.
(Tech. used - Python, AWS Pinpoint, AWS SNS, AWS Kinesis, AWS Firehose, S3)

Project - Package Scans Service

- Worked on decoupling scans of Packages from base data objects to another database which reduced the size of the base object upto 15% thus, improving the performance of the application.
- Used Kafka stream to write scan details a Flask app for reading scans from DynamoDB.
(Tech. used - Python, Flask, AWS DynamoDb, NewRelic)

Project - Ewaybill Service

- Worked on a microservice, which handles all interactions of Ewaybill Govt. apis and internal teams.
- Used AWS step functions having around 30 Lambda functions to make the async APIs and used DynamoDb to log the details of requests for monitoring.
- Contributed to make this microservice an open-source project.
(Tech. used - Python, DynamoDb, Lambda, Step functions, API Gateway, SQS, REDIS)

Project - Last Mile

- Coordinated with stakeholders to gather requirements, developed RestFul APIs, core algorithms and logics for the logistics business.
- Coordinate with DevOps and Support team to drive RCAs of the issues reported and build the handy scripts to fix the mishandled packages reported in the core system.
(Tech. used - Python, Django, MongoDB, Postgres, Celery, RabbitMQ, NewRelic, Sentry, Jenkins)


Project - OD TAT

- Made architecture and developed a microservice that stores and serves the turn-around time of package delivery to downstream applications.
- Used S3 to input the source and destination cities and their TATs and stored them in Redis for faster serving purposes of other applications.
(Tech. used - Python, AWS S3, REDIS, SQS)


RESPONSIBILITIES AND LEADERSHIP

- Have ownership of no. of multiple services like SMSs, OD-TAT, Destination center selection service for packages.
- While working on Package Scan service and Echo, mentored fellow juniors around the technical and infrastructure part of the applications.

CONTACTS

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 Jaipur, Rajasthan

SKILLS

- **Cloud Tech :**
AWS
- **Programming Langs.**
Python, C++, Java
- **Frameworks:**
Django, Flask
- **Database:**
MongoDB, Postgres, Redis, AWS DynamoDB
- **Messaging:**
Kafka, RabbitMQ
- **Web pages:**
HTML, CSS, JS
- **Deployments:**
Jenkins, Devtron
- **Object Oriented Programming**
- **Agile/Scrum model**

TOOLS

- **GIT** - Github, Bit-bucket.
- **Project Management** - JIRA, Azure DevOps
- **Monitoring** - Sentry, NewRelic
- **IDEs** - PyCharm, WebStorm, Sublime Text.

HOBBIES

- Swimming
- Skating
- Mime acting

LANGUAGES

- English
- Hindi