

ASHUTOSH MISHRA

B.Tech Undergraduate, Indian Institute of Information Technology, Allahabad

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WORK EXPERIENCE

Software Development Engineer

CureFit

July 2023 - present

- Built a Campaign Execution Status Pipeline which enhanced the experience on the Cerebrum Platform by providing various insights of a Campaign Execution Flow which reduced % of failure rate of sending communications.
- Implemented real-time transient segment support for all of our campaign segments, potentially reducing costs by alleviating the load on the Segmentation RDS. This was achieved by decreasing in the overall number of managed segments.

Meesho

July 2022 - June 2023

- Implemented Spell Correction Feature by integrating DS model and setting up **Cron jobs** to support data. Technologies used: **AWS Sagemaker, Redis and Redis-Filters**. Resulted in a **2% NMV** increase and **30ms latency** reduction.
- Implemented a feature which improves text search relevance using **Kafka** and **ElasticSearch**. This resulted in **3% of conversion uplift** in orders.
- Implemented a strategic feature for Meesho Mall using **Kafka, Redis** and **MySQL** technologies. This resulted in substantial **1.2% increase in NMV**.
- Migrated services from **EC2** to **Elastic Kuberentes service(EKS)** resulting in improved performance and scalability. **Saved 15% Cost** by optimizing resource utilisation on EKS.

Software Development Engineer Intern

Meesho

January 2022 - July 2022

- Worked on Normalization of a search query improving in relevance and accuracy of search system, using **Kafka** and **Redis**.
- Migrated Faust to **Kafka** in different services. Through this task I gained expertise in **stream processing** and **data management**.

ACHIEVEMENTS

- Awarded twice for **Speed Over Perfection** and once for **Company>Team>Individual** at Meesho.

PROJECTS

Notification Service

January 2022

- Designed and built a Restful web service to consume phone numbers and messages, and further integrated with third-party rest API for sending notifications.
- The service also featured a database for messages, a blacklisting feature, and a message search capability using search filters.
- Technologies Used: **Java, Spring-Boot, Kafka, Redis, ElasticSearch, MySql**

Online Proctoring System

August 2020 - November 2020

- Video based Proctoring System for Online Examination.
- Responsible for implementing the Backend of the website.
- Technologies used: **CSS, Bootstrap, Django, Python**.

SKILLS

Programming Languages

Java Python C C++

Technologies

SpringBoot Django Kafka Zookeeper

JUnit CSS javascript (beginner)

Databases

MySQL Redis Mongo

Soft Skills

Quick Learner Adaptive Team Player

EDUCATION

B.Tech (Information Technology)

Indian Institute of Information Technology, Allahabad

2018 - 2022

Prayagraj, India

Scored **8.30 CGPA**