


## Personal Details

 Dheeraj Singh

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 9424060553

 Bengaluru

## Skills

Java	<div><div></div><div></div><div></div><div></div><div></div></div>
MySQL	<div><div></div><div></div><div></div><div></div><div></div></div>
Kafka	<div><div></div><div></div><div></div><div></div><div></div></div>
Zookeeper	<div><div></div><div></div><div></div><div></div><div></div></div>
Elastic Search	<div><div></div><div></div><div></div><div></div><div></div></div>
Redis	<div><div></div><div></div><div></div><div></div><div></div></div>
Aerospike	<div><div></div><div></div><div></div><div></div><div></div></div>
Data Structures and Algorithms	<div><div></div><div></div><div></div><div></div><div></div></div>
Operating System	<div><div></div><div></div><div></div><div></div><div></div></div>
DBMS	<div><div></div><div></div><div></div><div></div><div></div></div>
Distributed Systems	<div><div></div><div></div><div></div><div></div><div></div></div>
HBase	<div><div></div><div></div><div></div><div></div><div></div></div>
C++	<div><div></div><div></div><div></div><div></div><div></div></div>
Python	<div><div></div><div></div><div></div><div></div><div></div></div>
Cassandra	<div><div></div><div></div><div></div><div></div><div></div></div>
RabbitMQ	<div><div></div><div></div><div></div><div></div><div></div></div>
Machine learning	<div><div></div><div></div><div></div><div></div><div></div></div>
NLP	<div><div></div><div></div><div></div><div></div><div></div></div>
Team Leadership	<div><div></div><div></div><div></div><div></div><div></div></div>
Product Development	<div><div></div><div></div><div></div><div></div><div></div></div>

## Employment

### Software Development Engineer 3

Jan 2024 - Present

Flipkart, Bengaluru

- As the lead of a five-member team, I spearheaded the pricing automation initiative, with a focus on offer intelligence.
- Responsible for the design and implementation of the pricing and offer selection ecosystem. Pricing automation aims to do product pricing through data science models and intelligent systems, aiming for optimal prices and offers. These systems dynamically respond to CM and GMV achievements, ensuring competitive pricing on Flipkart.
- Technology - Java, MySQL, Kafka, Distributed Systems.

### Software Development Engineer 2

Jan 2020 - Dec 2023

Flipkart, Bengaluru

- Led a team of five to design and implement pioneering pricing solutions
- Engineered a scalable location-aware pricing platform, enabling dynamic price adjustments at pin code level for enhanced seller flexibility.
- Developed and scaled an order-based pricing platform, adeptly managing high loads, notably optimizing Apple iPhone pricing during the Big Billion Days event. The system was very robust and worked seamlessly with the first price change in just 8 seconds.

### Software Development Engineer 1

Oct 2019 - Dec 2020

Flipkart, Bengaluru

- Spearheaded the design and implementation of warehouse inbound enhancements, fortifying inventory quality control and placement strategies for Flipkart's flagship Kalash facility.
- Designed and implemented data archival framework for warehouse teams to archive data from hot store.
- Technology - JAVA, MySQL, Distributed Systems, Zookeeper, Elastic Search, Kafka.

### Software Development Engineer

Sep 2018 - Oct 2019

Bankbazaar.com, Bengaluru

- Developed a data aggregation platform for BankBazaar, consolidating customer data from various sources into unified profiles.
- Enabled user profiling for prefilling, campaign targeting, offer personalization, and analytics.
- Technology - JAVA, Kafka, Cassandra, MySQL.

### Software Engineer

Jul 2017 - Sep 2018

Samsung Research Institute Delhi, Noida

- Utilized Text Analytics & NLP for Implementing auto web page categorization and recommendation systems.
- Contributed to the integration of Prediction service into Tizen-based web browsers.
- Technology - Machine learning, NLP, Python, C++.

## Education

### Bachelors of Technology (B.Tech)

Jul 2013 - Jun 2017

Maulana Azad National Institute of Technology (NIT Bhopal)

Major- Computer Science and Engineering (8.18/10)