Abhishek Sharma

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SUMMARY

Seasoned backend engineer with expertise in micro-services architecture and solving challenging business problems with strong software design skills.

WORK EXPERIENCE

Software development engineer 3 — Flipkart, Bengaluru   Jul 2021 - present

– Working in **Flipkart retail** - managing the master data for products, listings and propagation of inventory from warehouse to end users.
– **Leading a team of 10 engineers**. Highly involved in tech, product & domain level solutionings, tech staff sessions and hiring events.
– Redesigned flipkart's **lot management system from scratch** on HBase and migrated 12 million SKU's with no downtime. Lead a team of 4 engineers and fixed core business problems related to lot lifecycle management by taking bottom up initiatives.
– Created an **async priority aware system** for **inventory ingestion flows** which promised TAT **under 5 mins** for hyperlocal inventory using apache pulsar.
– **Designed distributed locking library** on zookeeper & **camel's implementation with pulsar**
– Planned out big migrations with different strategies like **paraller paths, phased migration** to avoid big bang changes in multiple places.

Software engineer — Oracle, Hyderabad   Jun 2019 - Jul 2021

– Worked in **Oracle infinity** - a data collection and analytics product.
– Using **functional + OOP design patterns** to write maintainable & extensible code in scala with a good understanding of **microservice architecture**.
– Created public APIs contracts and implemented on HTTP 2.0 for new MVP. Used **gRPCs proto buffs** for microservice communication which were significantly faster then http based communication.
– Create **query parser service** which generates complex processing queries from user's friendly input.
– Optimised authorization logic which resulted in **90% faster access** to the application.

PROJECTS

Waste Classifier based on CNNs   2018
Chatbot based on LSTMs under the guidance of dr. Divya Kumar.   2019

EDUCATION

2015 - 2019	B.Tech (**CSE**) at **NIT, Allahabad**	(GPA: 8.03)
2014	Class 12th RBSE	(87.20)
2012	Class 10th RBSE	(82.33)

SKILLS

Java, Microservices, Dropwizard, Scala, Akka, Mysql, HBase, MongoDB, ElasticSearch, Zookeeper, Kafka, RMQ, Apache Pulsar, Apache camel, CI/CD, Open API