

Bhavi Dhingra

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EXPERIENCE

SWIGGY | SOFTWARE DEVELOPMENT ENGINEER - II

Oct 2021 - present | Bangalore, Karnataka

Led the successful migration of the Food Ordering System's legacy Checkout service (Java Springboot, Kafka, RDS) to a unified platform (Golang, Amazon Lambda Functions, State Machines, SQS, DDB, S3).

Independently orchestrated the transition from the existing SQL database (TokuDB) to a cost-effective secondary storage solution, Amazon S3.

- Devised and maintained an **S3 index table** using DynamoDB to ensure query latency within acceptable thresholds.
- Engineered an efficient mechanism for retrieval, conversion, and storage of **19 TB** of order data in S3 buckets using protobuf format.
- Seamless execution of the archival storage migration with zero downtime.

SWIGGY | SOFTWARE DEVELOPMENT ENGINEER - I

July 2020 - Sept 2021 | Bangalore, Karnataka

- Leveraged the AWS Go SDK to enable the Order Data Service to read from Amazon DynamoDB, establishing expertise in DynamoDB operations.
- Optimized DynamoDB configurations by consolidating two full GSIs into a single partial GSI, resulting in a **60%+** reduction in table costs.
- Architected an order data archival pipeline utilizing DynamoDBStreams, AWS Lambda, Amazon S3, and SQS.

SAMSUNG (SRI-DELHI) | LEAD ENGINEER (LAST AVTAR)

July 2012 - July 2018 | Noida, UP

- Implemented a robust caching mechanism through bash scripting to eliminate download bottlenecks, expediting the development workflow.
- Pioneered a producer-consumer mechanism for remotely launching debug tools from a SmartTV remote control.

PROJECTS

🌐 CUSTOMGIT.COM | BASH

Contributed to the development of an efficient, open-source command-line git tool.

🌐 MAPREDUCE IN C++ | WORD COUNT & INVERTED INDEX

Collaborated in the implementation of a C++ MapReduce framework for distributed, parallel data processing on cluster environments.

🌐 PEER-PEER FILE SHARING | TORRENT

Sept 2018, IIIT Hyderabad

Designed and executed a C++ peer-to-peer file sharing system akin to BitTorrent, integrating socket programming and multithreading.

RECENT AWARDS

2023	MVP (Most Valuable Player)	Swiggy
2021	Swiggstar Award	Swiggy
2019	Dean's List Award	IIIT Hyderabad
2017	Spot Recognition Award	Samsung (SRI-Delhi)

EDUCATION

IIIT HYDERABAD

M.TECH IN COMPUTER SCIENCE

May 2020 | Hyderabad, Telangana, AP

CGPA: 8.75 / 10

IIT ROPAR

B.TECH IN ELECTRICAL ENGINEERING

May 2012 | Ropar, Punjab

CGPA: 7.91 / 10

DPS, MATHURA ROAD

10+2: 90.2% | 2008 | CBSE

10: 92.5% | 2006 | CBSE

SKILLS

MAJOR LANGUAGES

Java Golang C/C++ Python

Bash Shell

TECH FRAMEWORKS

Java Spring AWS (Amazon Web Services) gRPC Protocol Buffers

COURSEWORK

Optimization Methods Software Engineering Advanced Problem Solving

LINKS

🐙 Github:// [bhavidhingra](#)

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</> LeetCode:// [bhavidhingra](#)

</> Interviewbit:// [bhavidhingra](#)

EXTRA-CURRICULAR

Functional Fitness Reading Listening to Audio-books Badminton