

# Sagnik Bhowmick

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## EDUCATION

### DELHI TECHNOLOGICAL UNIVERSITY

B.TECH IN ELECTRONICS AND COMMUNICATION  
May 2019 | Delhi, India  
CGPA: 7.13/10.0

### DON BOSCO SCHOOL

AISSCE, CBSE  
Grad. May 2014 | Delhi, India  
Grade: 92%

## SKILLS

### FRAMEWORKS

Dropwizard • Spring Boot • Gin • Fiber

### LANGUAGES

Java • Golang • C++ • Python • JavaScript

### DATABASES/ANALYTICS

SQL (Postgres / MySQL) • MongoDB • DocumentDB • Elasticsearch • Tableau

## ACHIEVEMENTS

- 1st Runners-Up, Smart India Hackathon '18  
(organized by Govt. of India)
- Finalist, E-Yantra Robotics Competition '17  
(organized by IIT Bombay and MHRD, Govt. of India)

## POSITION OF

## RESPONSIBILITY

- Chairperson** | IEEE Computer Society DTU (2018-2019)
- Branch Representative** | Dept. of Electronics and Comm. Engg, DTU (2016-2017 & 2018-2019)
- Head, Hospitality** | Engifest '18, DTU

## EXPERIENCE

### JUMBOTAIL | SR. SOFTWARE ENGINEER

B2B Marketplace for Kiranas  
May 2022 - February 2024 | Bengaluru, India

#### Project: SCM and Logistics Service

- Designed & Developed microservices to push updates for 3 internal apps across 20+ Hubs and 2000 users.
- Revamped Last Mile App with new UX and features with location checks and OTP flow.
- Optimized legacy code and reduced existing latency by 73%.

#### Project: Order Processing Service

- Migrated the existing sync calls to event-driven approach to reduce the overall latency of order placement by 80%.
- Added event-driven architecture with SNS+SQS+Lambda along with support for parallelisation, cold start of 10ms, and efficient memory usage of 37MB. Reduced cost of the overall event bus architecture by 76%.

**Tools and Technologies:** Java (Dropwizard, Spring Boot), Golang, DynamoDB, MySQL, MongoDB, Redis, SNS, SQS, Lambda, Kafka

### ZOMATO | SOFTWARE ENGINEER

Food Delivery, Dining and Restaurant Discovery platform.  
January 2021 - April 2022 | Gurugram, India

#### Project: Delivery Logistics Order Service

- Built a new microservice-based unified logistics platform for effective logistics identification, aggregation, tracking, and fulfillment.
- Improved Order state sync between monolith and DL0S to reduce inconsistency (lag of 20ms P99.9).

**Tools and Technologies:** Golang, Php, Mongoddb, Redis, SQS, Kafka

### LEAP (WHATFIX) | SOFTWARE ENGINEER

A SaaS based Assistive UI platform for vernacular users.  
June 2019 - January 2021 | Bengaluru, India

#### Project: Jiny Assistive Platform

- Implemented microservice-based backend APIs to serve up to a million rpm.
- Integrated Compression and Caching of the config files on server side which reduces the size by ~80%.

#### Project: Unified DIY Platform

- Developing the backend APIs for DIY platform, which will enable more clients to integrate Jiny with automated tracking of unpublished artifacts.

**Tools and Technologies:** Dropwizard, Spring Boot, Java, AWS, Postgres