

SUMEET GEDAM

+91 9767224757 ◊ Mumbai, Maharashtra, India - 400063

sumeetgedam01@gmail.com ◊ [LinkedIn](#) ◊ [GitHub](#) ◊ [Personal Website](#)

ABOUT

Software Engineer (4 YOE) specializing in **distributed systems**, high-throughput data pipelines, and low-latency services. Experience building **event-driven architectures**, with focus on scalability, observability, and performance engineering. Proficient in Java, C++, SQL, with systems fundamentals (multithreading, concurrency, networking).

EXPERIENCE

Morgan Stanley

Software Engineer II (Associate)

Mumbai, Maharashtra

March 2025 - present

- Designed and optimized a high-throughput **pub/sub event-driven** system processing **millions of events/day**, ensuring low-latency (100 ms) and high availability for downstream services
- Built scalable **real-time and batch data** pipelines using Java, Airflow, and ETL frameworks, improving data processing throughput by **30–40%**
- Developed **distributed data ingestion** services integrating multiple external sources with retry, fault-tolerance, and backpressure handling
- Improved system observability by introducing latency (p50/p99), **throughput, and failure metrics**, reducing incident resolution time by **25%**
- Migrated **legacy build** systems to **Gradle**, improving build reliability and reducing deployment time by **20%**
- Contributed to large-scale internal infrastructure supporting 10B+ transactions annually and 15M+ builds/year
- Awarded **Excellence Award** for rapid resolution of a critical production issue during active trading hours.

Accolite Digital India Pvt Ltd

Senior Software Engineer

Mumbai, Maharashtra

January 2022 - March 2025

- Developed backend services for high-volume data ingestion and transformation pipelines using **Java and SQL**
- Automated workflows using stored procedures and schedulers, improving operational efficiency by **30%**

PROJECTS

Low-Latency Event Processing System :

- Built a multithreaded Java system using DatagramSocket for high-throughput event processing
- Profiled performance using **Java Flight Recorder**, reducing latency bottlenecks by **20–30%**

Low Latency Market Data Pipeline :

- Built a high-performance data pipeline using C++20 UDP ingestion + in-memory processing engine
- Implemented Prometheus-compatible observability (p50/p99 latency histograms, metrics tracking)

SKILLS

Programming Languages :

Java, Python, C++, **SQL**, JavaScript.

Backend & Systems :

Multithreading, **Distributed systems**, Event-Driven Architectures.

Tools :

Unix/Linux, GIT, IntelliJ, JIRA, CI/CD, Airflow, MongoDB, Sybase.

EDUCATION

Bachelor of Computer Science : Shri Ramdeobaba College of Engineering and Management

2018-2022

CGPA : 8.2 / 10