

# Shubham Shukla

📍 Jersey City, NJ-07310 ✉ shubham.shukla.069@gmail.com ☎ (612) 404-9835

---

## Experience

**Software Developer - Amazon, NYC** Nov 2023 - Present

- Building data inventory and classification system for enhancing data security, ensuring compliance with regulations, and safeguarding personally identifiable information. The system will help Amazon be compliant with data regulations like DMA and COPPA.

**Vice President - Blackrock, NYC** Jun 2022 - July 2023

- As an Engineering lead managed Aladdin Performance Toolkit, overseeing system performance optimization and monitoring. Supervised a team of 6 direct reports across diverse regions to ensure seamless coordination and efficient operations.
- Proof of concept to migrate applications to serverless paradigm to save cloud cost across the organization using Azure Devops as the cloud provider
- Built the initial version of next generation of Auto order routing system in Apache Flink

**Senior Software Engineer - Coco Delivery, NYC** Mar 2022 - Jun 2022

- Building solutions for the future of food delivery focusing on last mile robotics delivery. Coco provides a fast and cost-effective delivery experience compared to car-based delivery services.

**Senior Software Engineer - Bloomberg L.P., NYC** Aug 2017 - Jan 2022

### **RBLD - Multi-Asset Automated Trading Solution**

- A low-latency distributed system enabling automation in trading workflow. Use client-defined rules against real-time data, benchmarks, security data, and other data points for trade execution.
- Leveraged Apache Storm, Kafka, and Redis for low-latency rule engine architecture built using Java.
- Implemented and refined various features, such as:
  - **Timed Release:** Introduced the ability for clients to delay orders in fixed income and equities trades, ensuring precise market access and benchmark timing. Leveraged Java Spring Boot framework to design queuing service with minimal failover time and guaranteed exactly-once semantics.
  - **On-Demand Routing:** Enabled clients to make post-order creation routing decisions, enhancing flexibility in trading workflows.
- NLP Integration: Incorporated natural language processing (NLP) capabilities to highlight text in earnings release transcripts, improving data accessibility.

**Oracle Financial Services Software — Mumbai, India - Senior Consultant** Jul 2012 - Jul 2015

- Worked on HTTP Servlet based application programming interface for HDFC bank using java to implement business logic changes

## Education

**Master of Science - Computer Science** Sep 2015 - May 2017  
University of Minnesota, Twin Cities GPA: 3.9/4

**Bachelor of Engineering (Hons.) - Electrical and Electronics Engineering** Aug 2008 - Jun 2012  
Birla Institute of Technology and Science - Pilani, India CGPA: 8.3/10

## Skills

**Programming Languages:** Java, Python, C++, TypeScript

**Technology Tools:** Apache Storm, Apache Flink, Apache Kafka, Spring Boot, REST API, Protobuf, Avro, Angular, Zookeeper, Oracle, Apache Spark, Amazon AWS, Microsoft Azure, MySQL, GitHub, JIRA, Jenkins, Docker