

# SHIVAM GUPTA

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## EXPERIENCE

### Goldman Sachs, Bangalore—Analyst

AUGUST 2019 - PRESENT

- Manage the planning and development of big data ETL, with ingestion rate of several **Terabytes every week**
- Coordinate with Business users to gather data requirements.
- Experienced in implementing optimized **Spark transformations** based on the data
- Improved several existing spark job's efficiency, saved upto to 90% of processing time

### Samsung R&D Institute India, Noida—Software Engineer

JULY 2018 - AUGUST 2019

- Worked as an Android developer in the Knox Keyguard team, acquired in-depth knowledge of Android lock screen security.
- Developed **Samsung Dex** lock screen solution.

### Samsung R&D Institute India, Noida—Intern

JAN 2018 - MAY 2018

- Developed a sensor based security exploitation system on Android with the help of machine learning

### Tata consultancy Services, Delhi—Remote Intern

JUNE 2017 - JULY 2017.

- Developed an Employ Bill Management solution, using Android and Spring Boot.

## PROJECTS

### System Health Tracker

- Real time health tracking dashboard for the entire ETL system
- Single page solution for complete system support
- Track all the spark jobs as well, with ability to retrigger any failed job
- Technologies involved **Kafka, Elasticsearch, Spark, Vertx, Angular**

### Tap Logger

- An Android app for password detection based on the sensory information
- Used machine learning to estimate the user's tap location on the screen
- Technologies involved Android Framework, Keras

### Flappy Bird Bot

- Create a Flappy bird game clone using Pygame
- Integrated neuroevolution based AI bot into the game

## TECHNICAL SKILLS

### Languages

C, C++, Java, Scala, Typescript, Python, Bash

### Frameworks

Spark, Vertx, Spring Boot, Angular

### Libraries

Akka, RxJava, Pandas

### Databases

Hadoop, Elasticsearch, MySQL, Kafka, Hive, Presto, MongoDB

### Analytic Tools

Zeppelin, Jupyter, ADS, Excel

## EDUCATION

YMCA University of Science and Technology, Faridabad—*B.Tech*

2014 - 2018 CGPA- 8.2

## ACHIEVEMENTS

- Samsung **SWE-Professional Level certified** developer.
- TCS Codevita 2017, AIR-13 rank holder.
- Problem setter at SPOJ
- Solved more than 1000+ problems on various competitive platforms.