ADITYA SINGHANIA

BUSINESS APPLICATION DEVELOPER

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PROFESSIONAL EXPERIENCE

Analytical Calculation Engine
CITIBANK SERVICES PVT. LTD., PUNE - ASST. MANAGER
AUGUST 2017 - PRESENT

- The team manages the counterparty credit RISK pricing of various assets for Citi. The portfolio wise numbers are generated for regulators and the higher management.
- Currently replacing IBM Symphony grid with AWS (managed via Openshift) to spawn process intensive task of pricing trades through 10k simulation paths. This will save millions of dollars a year of Symphony licences and H/W costs.
- Planned and built a tool to extract, analyse and showcase crucial stats, and alerts in real-time about the different code runs, using the logs, via ELK and X-pack. It saves hundreds of man hours which were spent searching through logs.

Regulatory Hub Core Architecture
CITIBANK SERVICES PVT. LTD., PUNE - ASST. MANAGER
JANUARY 2017 - JULY 2017

- The system handles the real-time streaming, enriching and reporting of trades (about a million trades a minute), as per the regulatory requirements (MIFID II).
- Worked on building a central framework which was leveraged for constructing all the sourcing upstreams and reporting downstreams, via Apache Kafka and Apache Storm.

RegHub Feed Spec Manager
CITIBANK SERVICES PVT. LTD., PUNE - ASST. MANAGER
JULY 2016 - DECEMBER 2016

- Worked on an application to store, manage and audit changes in the trade feed specifications (MongoDB and Spring Boot).

EDUCATION

Visvesvaraya National Institute of Technology, Nagpur
B. TECH., COMPUTER SCIENCE AND ENGINEERING
JULY 2012 - MAY 2016

Smt. Meherbanu College of Science, Akola
HSC, MAHARASHTRA STATE BOARD
2010 - 2012

Mount Carmel Sec. and Higher Sec. School, Akola
SSC, MAHARASHTRA STATE BOARD
2010

TECHNICAL LEARNINGS

DAY-TO-DAY COMFORT-
- **Java** (java 8) – Spring boot, batch, REST, JDBC, Junit testing.
- **CLOUD**– AWS, Docker, Openshift (Kubernetes)
- **MESSAGING/PROCESSING/LOGS**– Apache Kafka (Confluent) Apache Storm, ELK, X-pack.
- **STORAGE**- MongoDB, MySQL, Hazelcast distributed cache.
- **VERSION CONTROL**– Git.

HAVE EXPERIENCE WITH-
- Python (3+/ 2+)
- C/C++, Javascript/HTML
- **FRONTEND**– AngularJS (limited)

POSITIONS OF RESPONSIBILITY

CSIPL, Pune
MENTOR at CITI BRIDGE
MARCH 2018

- Mentor to a batch of college students at the connect program and for the projects.

Make A Difference, Nagpur
FELLOW: OPERATIONS/FINANCE
MARCH 2013 - APRIL 2016

- Engaged with various responsibilities to handle the operations at the shelter homes.

VNIT, NAGPUR
STUDENT MENTOR
JULY 2014 - MAY 2015

- A guide to a batch of 15 first year students for academic and social endeavors in the college.

ACHIEVEMENTS

- Scholarship holder for the JAGRITI YATRA '16.
- AIR 5271 in IIT-JEE '12.
- MTS talent search examination scholarship holder '09-'10.
- Winner of Debates in school