ADITYA SINGHANIA

SOFTWARE DEVELOPMENT ENGINEER - III

(+91) 779-889-8722
Bengaluru, India
work@adityarsinghania.com
www.github.com/singhania94
www.adityarsinghania.com

PROFESSIONAL EXPERIENCE

API Team

EXOTEL TECHCOM PRIVATE LIMITED - SOFTWARE DEVELOPMENT ENGINEER III
DECEMBER 2018 - PRESENT

- We build **highly scalable low latency APIs / services** with high reliability. Been involved in the **design and implementation** of customer products like an **analytics aggregation dashboard / pipeline**, a **browser push notification service (using websockets)** and **2 factor auth products like OTP/nOTP**
- Worked on **Golang, NodeJS, mySQL, Redis, MongoDB, Aerospike, AWS, Kubernetes** as part of various assignments.
- Designed and worked on company wide initiatives for **Technology Documentation** and **Git Branching Model**.

Analytical Calculation Engine

CITIBANK PVT. LTD., PUNE - TECH. ANALYST
AUGUST 2017 - NOVEMBER 2018

- The team manages **counterparty credit RISK pricing** of various assets for Citi. The portfolio wise numbers are generated for regulators and the higher management.
- Worked on **replacing IBM Symphony grid** with **AWS (managed via Openshift)** to spawn process intensive tasks of pricing trades through 10k simulation paths. This **saved millions of dollars a year of Symphony licences** and H/W costs.

Regulatory Hub Core Architecture

CITIBANK PVT. LTD., PUNE - TECH. ANALYST
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**.

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

TECHNOLOGY STACK

DAY-TO-DAY COMFORT-

- **Golang, Java** (java 8)
- **CLOUD**– AWS, Docker, Kubernetes
- **MESSAGING/PROCESSING/LOGS**– Apache Kafka (Confluent), Beanstalkd, ELK.
- **CACHE / STORAGE**- MySQL, MongoDB, Aerospike, Redis
- **VERSION CONTROL**– Git.

ALSO HAVE EXPERIENCE WITH-

- Python (3+/ 2+), NodeJS, PHP
- C/C++, Javascript/HTML
- **FRONTEND**– AngularJS

POSITIONS OF RESPONSIBILITY

Citibank, 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 organisation's 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.

HIGHLIGHTS

- Published various technology articles at the Publication house [Medium – TheStartup](#)
- Active public speaker at various engineering forums.
- Scholarship holder for TATA JAGRITI YATRA '16.
- AIR 5271 in IIT–JEE '12.
- Budding story writer and an enthusiastic traveller.