

ADITYA SINGHANIA

SOFTWARE DEVELOPMENT ENGINEER - II

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PROFESSIONAL EXPERIENCE

API Team

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

- We build **highly scalable low latency APIs** with high reliability. Been involved in the **design and implementation** of innovative products like Authix and nOTP for **two factor authentication**, which allow you to authenticate the user with a seamless experience, also reducing the costs significantly.
- Worked on **Golang, NodeJS, MySQL, Redis, MongoDB, Aerospike, AWS**.
- Designed and implemented **ExoGit branching model** for the company.

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.
- 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.

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

TECHNICAL LEARNINGS

DAY-TO-DAY COMFORT-

- **Golang, Java (java 8)**
- **CLOUD-** AWS, Docker, Openshift (Kubernetes)
- **MESSAGING/PROCESSING/LOGS-** Apache Kafka (Confluent) Apache Storm, ELK, X-pack.
- **STORAGE-** MongoDB, MySQL, Hazelcast.
- **VERSION CONTROL-** Git.

ALSO HAVE EXPERIENCE WITH-

- **Python (3+/ 2+), NodeJS**
- **C/C++, Javascript/HTML**
- **Redis, Aerospike**
- **FRONTEND-** AngularJS (limited)

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 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

