

ADITYA SINGHANIA

SOFTWARE DEVELOPMENT ENGINEER - III

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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.
- Currently replacing IBM Symphony grid with AWS (managed via Openshift) to spawn process intensive tasks 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, Kubernetes
- MESSAGING/PROCESSING/LOGS- Apache Kafka (Confluent), Beanstalkd, ELK.
- STORAGE- MongoDB, MySQL, Aerospike, Redis
- VERSION CONTROL- Git.

ALSO HAVE EXPERIENCE WITH-

- Python (3+/ 2+), NodeJS
- C/C++, Javascript/HTML
- 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

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- Published various technology articles at the Publication house [Medium - TheStartup](#)
- Active public speaker at various forums.
- Scholarship holder for the JAGRITI YATRA '16.
- AIR 5271 in IIT-JEE '12.

