

Saurabh Kadian

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EDUCATION

IIT, BOMBAY

MASTERS IN COMPUTER SCIENCE

Jul 2018 | Mumbai, India

ACHIEVEMENTS

- All India Rank - 20 out of 1,08,495 GATE 2016 Computer Science with percentile of 99.98.
- ACM ICPC Regionals: 2013 and 2015.
- CodeChef SnackDown 2017: Ranked 1248/21038 Pre-Elimination Ranked 729/12859 Online Qualifier Ranked 1105/3403 Online Elimination
- Speaker at CodeChef Campus Chapter
- Ranked 1 in regional level Infosys Aspirations 2020 Programming Contest 2014

SKILLS

Worked with:

C++ • Python • Java • Go

LaTeX • Git

Apache Kafka • Elasticsearch • Jenkins

Apache Mesos • Apache Marathon

Docker • Grafana • Redis •

RabbitMQ • Aerospike

LINKS

Github: [saurabh-kadian](#)

LinkedIn: [saurabh-kadian](#)

PROJECTS

- Comparing different models for Stock Market Prediction
- Reinforcement Agent for Carrom using physics based strategies and tried DDPG model as well.
- ACM ICPC Regional Style LAN based Judge
- Replicating Napster Peer-Peer Network
- Stock Market tracker Android App for US based markets

EXPERIENCE

GOOGLE | SOFTWARE ENGINEER

Aug 2021 - Present | Hyderabad, India

- Owning service related to card bins.
- Worked with the payments team on migrating direct carrier billers to new frameworks. Supported the cards team to onboard new regulations

DISNEY+ HOTSTAR | SOFTWARE DEVELOPMENT ENGINEER - II

Jan 2021 - July 2021 | Bengaluru, India

- Worked with payments team to maintain sanity of payment gateways, success rates across payment methods and managing both legs of payment transactions even during high traffic times like IPL.
- Lead efforts towards integrating new payment gateway end-to-end under RBI regulation directed deadline
- Lead efforts towards building and deploying paywall service from scratch using Golang and load testing using Scala.
- Interviewed over 20+ candidates for SDE1-SDE3 positions.

D.E. SHAW & CO. | MEMBER TECHNICAL

Jul 2019 - Nov 2020 | Hyderabad, India

- Worked with backend team to facilitate analysts access to proprietary or trial datasets and related statistics/analysis/report. Contributed to 2 such dataset, each saving around couple of weeks of work for the consumer.
- Worked on proprietary datasets, moulding them into internal frameworks (either plotting/data caching frameworks) and validating their quality.
- Lead efforts towards developing backend infra for central access to already subscribed proprietary datasets s.t. everything is accessible at one place. This basically allows freedom of exploration which until then wasn't possible.

PHONEPE (FLIPKART) | SOFTWARE DEVELOPMENT ENGINEER

Jul 2018 - Apr 2019 | Pune, India

- Worked with backend team for billpay and recharge division of PhonePe.
- Lead efforts on reversal DFA engine reducing customer escalations related to refunds. Reduced overall TAT for reversals from days to few hours.
- Lead sole efforts towards building a preference store for user preference towards reminders related to their bills. Currently live for all users.

RESEARCH

INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY | RESEARCH

Jul 2016 - Jul 2018 | Mumbai, India

Worked under the guidance of **Prof. Nutan Limaye**. Acquired necessary background on relations between different Space Complexity Classes and problem of Reachability. Implemented read research papers for visualization. Tried fitting a polynomially bound weighting scheme in 3D-MGGR s.t. the problem is reduced to a $UL \cap coUL$. Future work includes coming up with potential algorithms which reduces space as well as time complexity and achieves tighter bounds for the problem of Reachability.