Saurabh Kadian

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EDUCATION

IIT, BOMBAY
MTech 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 out of 21038 in Pre-Elimination
Ranked 729 out of 12859 in Online Qualifier
Ranked 1105 out of 3403 in Online Elimination Rounds
- Speaker at CodeChef Campus Chapter
- Ranked 1 in regional level Infosys Aspirations 2020 Programming Contest 2014 participated in Development Center Finals (National Level).
- Qualified to Round 1 Google Code Jam 2014
- Awarded Pass in the Preliminary English Test - University of Cambridge - ESOL Examination

SKILLS

PROGRAMMING
Languages:
C++ • Python • Java
Perl
Utilities:
LaTeX • Git
Experience with:
Apache Kafka • ElasticSearch • Jenkins
Apache Mesos • Apache Marathon
Docker • Grafana • Redis

LINKS

Github: saurabh-kadian
LinkedIn: saurabh-kadian

EXPERIENCE

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.
- Lead efforts towards integrating new payment gateway under regulation directed deadline end-to-end to Spring Boot payment service. Integrated using RESTful APIs with JOSE+JWT in conjunction with MySQL and Apache Kafka.
- Lead efforts towards building and deploying paywall service from scratch using Golang.

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 now 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 reverals from days to few hours. Created using RESTful APIs in conjunction with RabbitMQ and internal schedular engine.
- Lead sole efforts towards building a preference store for user preference towards reminders related to their bills. Currently live for all users. Created using RESTful APIs in conjunction with RabbitMQ, MySql and Aerospike.

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 with reduces space as well as time complexity for the problem of Reachability.

PROJECTS

- Comparing different models for Stock Market Prediction
- Reinforcement Agent for Carrom
- ACM ICPC Regional Style LAN based Judge
- Replicating Napster Peer-Peer Network
- Stock Market tracker Android App for US based markets