Md Shahid

Application Developer at Thoughtworks & ACM ICPC Regionalist

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EXPERIENCE

ThoughtWorks — Application Developer

JULY 2020 - PRESENT | Bangalore, India

- Augmentation Platform(GAP Inc.)
  - Implemented Hadoop Map-Reduce Jobs which extract millions of data from Hbase and publish them to Kafka Topics within **30 minutes**.
  - Set-up cron jobs for Map-Reduce Job using SCDF, it automatically invokes the MR Job that fetches the data from Hbase and publishes to Kafka every hour.
  - Set up Jenkins jobs for build and deployment pipeline.
  - Improved the MR Job performance by performing an POC around reducer count, it reduces the time from **45 mins** to **12 mins** on an average.
  - Performed load test to ensure it can handle high load with 50% Peak load on Pre-Prod environment
  - Tech Stack - **Java, Spring Boot, Spring Cloud Data Flow, Kafka, Hbase, Jenkins, PCF, Bash, Python(3.x), Oracle Cloud Infrastructure**
- Data Warehouse
  - Improved performance by **60%** as compared to legacy code.
  - Developed Automation Test which helped to find **15+** bugs in the system.
  - Implemented a large sample data generator script(improved load testing).
  - Tech stack: **Spring Boot, Pytest, Python, MongoDB, Docker.**
- Assessment Creation System (Delivery Dashboard)
  - Improved surveys internally across all teams.
  - Tech stack: **JS, RoR, PostgreSQL, Docker.**

ThoughtWorks — Application Developer Intern

JAN 2020 - MAR 2020 | Bangalore, India

- Online E-commerce site(Project Simulation)
  - Implemented login form, shipping details form, and adding countries for different brands.
  - Tech stack - **Spring Boot, JS, JDBC, PostgreSQL, GoCD.**

PROJECTS

BLOGGING | Github

- Blogging application in which users can log in and write their own blog(**Flask, Bootstrap, HTML, CSS, SQLite**).

ACHIEVEMENTS

- **CodeChef 4 stars** profile.
- **Google HashCode** qualification round **rank 2958**.
- **ACM-ICPC** qualification round **rank 436**
- Codechef August 2019 Cook-Off Div1 **rank 88**
- Codechef August 2019 Challenge Div2 **rank 95**
- Codechef July 2020 Challenge Div1 **rank 168**
- Top Contributor in GSSoC'19
- **400+** Problem Solved in **Codeforces** and **160+ in CodeChef**

SKILL

Software Development, REST API, Agile, Hadoop Map Reduce, TDD, Object-Oriented Programming, Data Structures and Algorithms, Competitive Programming, Pair Programming, Team Player, Pub-Sub.

PROGRAMMING

LANGUAGES

C, C++, JAVA, PYTHON, JavaScript, BASH, Groovy

FRAMEWORKS

Spring Boot, JUnit, Mockito, Pytest, jQuery, JDBC, Spring Cloud Data Flow,

Tools

Git, Docker, CircleCI, TravisCI, PostgreSQL, MongoDB, MySQL, Kafka, HBase, Jenkins.

BLOGS

- Convolutional Neural Network | Link
- Convolutional Neural Network | Link
- Introduction to TensorFlow | Link
- Data Analysis with Pandas | Link

LINKS

Linkedin :// **dshahid380**
Github :// **dshahid380**
CodeChef :// **dshahid380_**
Medium :// **dshahid380**

EDUCATION

Netaji Subhash Engineering College, Kolkata, West Bengal
B.Tech in Computer Science Engineering
JUNE 2016 - JULY 2020
CGPA - 8.6

CERTIFICATIONS

- Data Structures and Algorithm in Python (**NPTEL**)
- Neural Network and Deep Learning (**Coursera**)