

# YASH AGARWAL

## SOFTWARE ENGINEER

- Having more than 3.5 years of experience in IT industry in Java using core and advanced java.
- Experience in Spring Boot, Spring REST, Spring IOC, Spring MVC, Hibernate and Restful Web services.
- Experience with JavaScript, React and Python.
- Good Understanding of Data Structure, Algorithms and Design Patterns.
- Project experience using IntelliJ, Git, Maven, Gradle, Docker, Drone, Jenkins, Kubernetes.
- I am also a committee member of Paathshala, a learning and development initiative which enables 50 days of learning at Target.
- Ability to learn and use new systems and paradigms in considerably less time. Quick learner, highly motivated team player and excellent organizational and analytical skills.



## JOB EXPERIENCE

### SR. SOFTWARE ENGINEER

TARGET (JUNE 2018 – PRESENT)

Working primarily in the Merchandising Space enabling data driven decisions in Unit Financial Planning And Assortment Optimization

- Development of APIs using Java, Spring REST and Spring Boot.
- Development of interactive grid on frontend for realtime calculations using JavaScript, React.
- Integration with the Big Data Algorithm in Hadoop using Oozie Workflows and with various other systems through Apache Kafka and Rest calls.
- High performance queries on PostgreSQL and MongoDB using Spring Data and Batching.
- Development of scheduled jobs to cache static data using Spring Cache and Redis.
- Enable monitoring and alerting w.r.t the application state through Grafana and Kibana.
- Introduced new tools and technologies e.g. upgrading to Java 11, moving from PostgreSQL to MongoDB to optimize search over nested data.
- Optimized the object model and compared various dbs like MongoDB and Elasticsearch for item location aggregations.
- Was awarded with On Spot award and Appreciation for stabilizing and supporting the app.

### SOFTWARE ENGINEER

TARGET (JULY 2016 – JUNE 2018)

Worked primarily in the Supply Chain And Merchandising Space optimizing the process through a data driven approach while converting POC's into Pilots for Clustering and Assortment Pack Builder

- Development of APIs using Java, Spring REST and Spring Boot.
- Integration with the Big Data Algorithm in Hadoop using Oozie Workflows.
- Integration with various systems through highly optimized multi threaded Rest calls.
- High performance queries and aggregations on PostgreSQL using Spring Data and Batching.
- Development of scheduled jobs to cache static data using Spring Cache and Redis.
- Was awarded with the Pyramid award and the Quarterly award for Being Bold and creating the application from scratch and driving it through the POC phase to implementation and engagement.



## EDUCATION

### B.TECH, ENGINEERING

IIT ROORKEE (2012 – 2016)

(CGPA) 7.646 / 10

### SENIOR SECONDARY

DELHI PUBLIC SCHOOL, JODHPUR (2012)

(CBSE) 86.6%

### SECONDARY

DELHI PUBLIC SCHOOL, JODHPUR (2010)

(CBSE) 9.8 / 10



## INTERESTS

### BASICS

TRAVEL, PHOTOGRAPHY AND DANCE



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## PROFILE

Solving a problem is my first love, and code is just a way to do that. Solving it while being as correct, extensible, efficient, and yet as simple as possible is even better. And how it should always be done.

I began my programming journey in 2016 and have since worked on a number of solo and collaborative projects. I take pride in all that I do and in the long-term relationships I've fostered in the process. I firmly believe that hard work eventually pays off, and I know that each day brings me closer to reaching my goals. A good team player with great communication skills

## PROFESSIONAL SKILLS

JAVA	●	●	●	●	●
SPRING	●	●	●	●	●
POSTGRESQL	●	●	●	●	●
MONGODB	●	●	●	●	●
HIBERNATE	●	●	●	●	○
KAFKA	●	●	●	●	○
CAMEL	●	●	●	●	○
JAVASCRIPT	●	●	●	○	○
REACT	●	●	●	○	○