

Senior Software Engineer, Infrastructure

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Company: Taboola

Location: Israel

Category: other-general

Curious about what it's like to work at the world's number 1 discovery platform? We're glad you asked!

Taboola, the world's largest content recommendation platform, is **Senior Software Engineer for the Infrastructure Engineering R&D group**

What are some of the things you do on a day-to-day basis?

Develop one of the largest real time high scale operation in the world to support over 1.4B users, > 500,000 requests / second, 140TB of new data every day

Have end to end ownership: Design, develop, deploy, measure and maintain our services

Solve production issues in the framework code

Collaborate with the brightest software engineers team members

Influence directly on the way billions of people discover the internet

Here are some of the things software devs in our group did in the last several months:

Rewrote part of our recommendation servers to reduce serving time p999 by > 40%

Rolled out custom Cassandra compaction strategy

Created and improved Taboola's Kafka consumer designed for very high scale

Developed a brand new Taboola metrics pipeline, ingesting over 100B metric messages

per day

Anomaly detection engine for application metrics

Rolled out a new custom home-built Taboola authentication service

Many more things...

Our Tech Stack:

Java, Spark, Kafka, Hadoop, Cassandra, Vertica, MySQL, HDFS, BigQuery, Docker, Linux, Kubernetes, Prometheus, MetricTank, Grafana, Airflow, Redis

You will work with:

The people who wrote the first lines of code in Taboola (and many many more lines after that)

The proud owner of a beer brewery

People who are deeply familiar with the code of Kafka, Cassandra, AirFlow, Prometheus and Spark (including committing back)

Famous internal Taboola hackathon winners

The designers and implementers of a offheap, zero GC, Custom Kafka Producer which cumulatively sends ~100B messages / day

What are the skills a good Software Engineer needs to have?

Experience developing large scale distributed systems

Deep understanding of strong Computer Science fundamentals: object-oriented design, data structures systems, applications programming and multi threading programming

5+ years programming experience in Java or equivalent Object-Oriented language

Production systems understanding

Experience with SQL and No-SQL

Highly Proficient in Linux environment

Proven ability to work effectively across multiple teams

BS.c in computer science or equivalent experience

It would be great if you also have:

Experience in Big Data tools

Knowledge in algorithms, data-mining and machine learning

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