



SQL Server DBA R&D - Palo Alto

Challenges of this role

At Criteo we face some of the most challenging and interesting problems in the advertising software industry. We work at a scale of speed, performance and complexity that few others in the industry have. Our dataset is about 40 petabytes in Hadoop (more than 30 TB extra per day), as we take less than 10ms to respond to an ad request and we deliver billions of ads per day. To help us solve these challenges, Criteo is looking for the best of the best in terms of engineering talent within our cool and geeky environment!

Your Mission:

- You are a key player in providing high level insight to Operations and Development teams. Rise to the challenge of enabling them to operate our platform and release code efficiently. You own code review and lead SQL development
- Build database systems that scale and handle hardware outages. Push and tune a variety of database technologies to their extreme limits
- Automate query tuning, collect performance baselines and deploy production environments
- Build the appropriate database infrastructure to store and retrieve mission critical information across 9 datacenters dealing with high latency global networks and handling tens (hundreds?) of thousands of queries per second
- Fully automate database server deployment and administration, with a fully open source approach using Chef
- We're big users of open source, and we'd like to give something back to the community. At the forefront of technology, we are dealing with problems that only few companies have!

Strong candidates qualifications

- 5+ years' experience as a SQL Server DBA with experience of managing services at webscale
- Expert knowledge in SQL query performance tuning and SQL Server 2008/2012/2014 (Transactional replication, High availability systems, Maintenance, Automation)
- Practical knowledge of shell scripting in at least one scripting language (Powershell, Python, Ruby, Perl)
- Practical knowledge of performance monitoring and troubleshooting, redundancy, disaster recovery. Database architecture, virtualization, transactional replication
- Track record of practical problem solving with excellent communication skills
- Experience working alongside software engineering teams
- Experience with NoSQL technologies such as Hadoop or Couchbase is a strong plus
- B.S. in computer science or similar field

Criteo R&D Culture

- **Empowerment** – We believe in hiring the best engineers in the industry and then letting them get on with what they do best – designing, coding and releasing state of the art software.
- **Mobility** – In our Voyager program our engineers get to pick which team they want to work on for 2-4 weeks, boosting collaboration, networking and maybe even leading to switching teams.
- **Agility** - We work in a fast pace environment where we build and release stuff frequently to deliver value soon and adapt to changes quickly.
- **Variety** – We have many ways to get your code to production including our Hackathon, 10% projects, Voyager and more.
- **Multicultural** – We have engineers from all over the world for you to interact and exchange ideas with.

Our culture keeps evolving, and you will be expected to contribute actively with new ideas to complement and enhance the existing programs that include frictionless internal mobility, 10% time, mentoring, technical talks, hackathons, conferences, etc.

Are you up to the challenge?

Do you want to know more about life in the R&D?

Youtube: [R&D Criteo @ US](#) / [R&D Criteo @ Europe](#)

Our blog: <http://www.criteolabs.com>

Twitter: [@CriteoEng](#)