

## CURRENT OPENINGS | USA

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Job Title: **Senior Data Engineer**  
Department: **Technology**  
Location: **1322 3rd Street Promenade,  
Santa Monica, CA, 90401  
USA**

## ABOUT ADCONION

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Adconion Media, Inc. is the largest privately-held independent online advertising network in the world. Our team works with top-tier agencies and advertisers around the world to develop integrated campaigns that extend the value of brands online through our video, display, search and direct response marketing products. These campaigns live on our network of premium publishers and reach more than 300 million unique users every month – about one-third of the entire global Internet population. Adconion is profitable and cash-flow positive, and dedicated to fueling growth through reinvesting in our team and our technology. We believe in delivering targeted content and advertising to relevant audiences – and we have grown by anticipating where the industry will move. We are leading the evolution of ad networks by developing our own content monetization and ad serving platform, and we have aggressively extended our platform through acquisitions, including Frontline Direct, HiClip, RedLever, and most recently Joost.

## WHAT WE ARE LOOKING FOR

We are looking for a talented and motivated individual to join our team. Successful candidates will thrive in a competitive and fast-moving business environment while adhering to high ethical standards; will exhibit confidence, energy and intelligence in discussions with business owners and executives; will devote time to improving their understanding of the online advertising world; will interact in a cooperative and friendly manner with co-workers; will be self-starters who perform at a consistent and high level; and will enjoy working hard and having fun with other members of the Adconion team.

## THE POSITIONS: SENIOR DATA ENGINEER

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Data warehouse engineers build and scale our data infrastructure to provide SLA driven ETL, financial reporting and decision support systems to drive the business. The system scale is a global rate of 1+B transactions per day with 1+TB of data processed per day.

## KEY RESPONSIBILITIES

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- Participate in the design, implementation, deployment and enhancements of our large scale system.
- DW engineers have fundamental knowledge in database technology and data processing techniques to extract knowledge from data to power business needs.
- DW engineers will understand the full pipeline of processing and be able to contribute on all subsystems from ETL to reporting to analytics.
- Apply your innovative ideas to extract business information from a sea of data.
- Interface with decision support APIs from our warehouse and data to power 3rd optimization algorithms.
- Develop scalable systems and control the costs by finding efficiencies.
- Implement a high availability system that records all it's activities and can be launched and maintained by an operations team.
- Be able to learn and apply new leading edge technologies for constant system improvements.



- Understand what data the business needs, and translate that need into the appropriate set of ETL, DDL and scripts to deliver in biweekly development and deployment cycles.

## REQUIRED SKILLS/EXPERIENCE

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These skills give an outline of the desired skills, experience and talent:

- 3+ years experience Postgres/MySQL or similar DBMS.
- 3+ years experience with deployments of 5+TB dimensional DW with .5+TB per day ETL.
- 3+ years multi colo fully redundant global deployments.
- 3+ years experience building and partitioning systems for linear scalability.
- 2+ years experience with Pig/Hadoop or similar grid system.
- 3+ years development experience Java, Python, C++ or equivalent in a Linux environment.
- Experience with MS BI tools MDX/XMLA cube development a plus.
- Experience with AWS cloud base operations a plus.
- Excellent oral and written communication skills.
- Degreed at BS, MS or PhD level in Computer Science, EE, Math, Physics or quantitative discipline from top school required.

## WHAT YOU SHOULD BRING AS WELL

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This is an exciting role with many challenges, in particular a large degree of freedom to work independently and creatively. If you have team spirit and commitment, excellent communication skills (verbal and written), and are results driven and well organized, we want to hear from you. This job will be an excellent career opportunity for a motivated professional who likes to get things done and understands the service character of the role. In addition to the exciting work environment, the position offers the advantages and development opportunities that come from being part of a successful, steadily-growing international company.

If you think you qualify for the above position please send your resume with a cover letter, including information on your earliest date of availability and salary expectations, to [careers@adconion.com](mailto:careers@adconion.com). **Please indicate 'Sr. Data Engineer' in the subject line.**

