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

**The Position: Data Warehouse Engineer**  
Data warehouse engineers will build and scale our infrastructure to provide SLA driven ETL and reporting systems to drive the business. The data warehouse contains the data that will drive our critical business intelligence decision making.

**The Company:**  
Adconion Media Group is one of the fastest growing global internet ad networks. Our tech headquarters are in Santa Monica two blocks from the beach. Our business headquarters are in Munich, Germany. We have offices in New York, London, Paris, Toronto, Sydney & Melbourne and more coming soon. The Adconion network delivers ads using its predictive optimization technology that provides guaranteed results for advertisers and competitive revenues for websites.

Adconion’s work environment is fast-paced and intellectually stimulating. We work hard, play hard and love it, we know you will too. The company values teamwork, technical innovation, product innovation, highly networked team communication and priority driven delivery to move the business forward. We strive to provide the most advanced environment to allow our technology teams to communicate, innovate, deliver and kick ass. Find out more on our website at [www.adconion.com](http://www.adconion.com).

**The System**  
We are building a world class global serving platform to power the next generation ad network. The system will support our supply/demand business customer transactions, reporting for realtime trafficking decision support and will scale to handle >1B ad decisions per day globally. This is a 24/7 5 9s high availability revenue optimized global platform.

The system will record all activities and feed machine learning revenue maximization algorithms that will optimize runtime decision making. The system's realtime decision stream informs operational business manager buy and sell decisions. This information powers the traffic controllers ability to control supply and demand. It is a real time traffic trading system that we will scale with both realtime information support for operators and decision making automation.

Business users will interact with our trafficking interfaces that allows provisioning and shaping of the supply and demand to meet revenue and performance goals. Our trafficking interfaces are tiered with a UI and transactional core system that will allow external web service consumers the ability to interact with our business systems. This open interface allows us to scale the business with well integrated partnerships.

It is a unique opportunity to participate in the design, implementation and deployment of a world class large scale system and this is just the start.

Come join the team and show us what we can do together.

**Company Values:**  
Team work, communication, innovation, commitment, execution. We work hard to ensure our teams have all the tools necessary to focus on their work. Therefore we offer very flexible work from home/commuting opportunities that we can discuss.

**Key Responsibilities:**  
- Participate in the design, implementation and deployment of a world class massive 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.
• 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.
• Design and build a system that allows for constant measurement and monitoring.
• Work in a team environment for all aspects of development.
• Develop scalable systems and control the costs by finding efficiencies.
• Implement a high availability system that records all its activities and can be launched and maintained by an operations team.
• Be able to discover and apply new technologies in new architectures.

Required Skills/Experience:
• Excellent knowledge of Postgres/MySQL preferred.
• Knowledge of data warehouse and ODS design.
• Knowledge and experience in high throughput ETL data processing.
• Good oral and written communication skills.
• Experience with star/snowflake fact table schema required.
• Experience with high throughput global BCP deployments a plus.
• Experience building and partitioning systems for linear scalability a plus.
• Experience designing and deploying 24/7 5 9s systems within SLA.
• Lucene/Hadoop, R or SAS experience a plus.
• Experience with Kettle ETL and Pentaho BI suite a plus.
• BS/MS in CS, MIS or Math a plus.

If you think you qualify for the above position please send your resume with a cover letter and salary requirements to jobs-us@adconion.com.