Anne Delpla
SENIOR DATA ENGINEER

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Tarn, France

I am an experienced data and software engineer with a strong international career in Audience measurement and AdTech industries.

With proficiency in diverse technologies such as Java, Big data, cloud, I'm well-equipped to take on complex projects involving large-scale data processing, optimization, and analysis.

Core qualifications

Big data

Software development

Database administration

Data flow management

Cloud

Data processing optimization

Data analysis and visualization

Project management

Scalable architecture design

Quality assurance

Experience

Sparteo — Tourcoing (remote)
AdTech solutions for publishers

Since 2024 — Senior Data Engineer

Manage and optimize ClickHouse clusters in Kubernetes.

Develop and maintain data pipelines using Redpanda, Logstash, and ClickHouse.

Design and implement aggregates to boost Analytics queries performance.

Set up alerts and monitoring systems to ensure system reliability.

Collaborate with AI and developer teams to optimize queries and schemas, resulting in query execution time reductions ranging from 10% to 90%.

Design and automate integration tests to validate end-to-end data flows.

Orchestrate data migration to new clusters while ensuring operational continuity.

Document schemas and processes.

Microsoft (formerly Appnexus, Xandr) — Quimper (remote)
Online advertising platform

2014 - 2023 — Senior Data & Software Engineer

Designed and maintained data pipelines for more than 6 billion ads daily on Hadoop and Vertica for reporting, visibility prediction, and fraud detection.

Developed MapReduce jobs in Java.

Ensured data quality by implementing unit, functional, and end-to-end tests.

Designed and developed applications to integrate third-party measurements (AdSquare, Nielsen) and share data with Netflix.

Automated integration and deployment tasks to improve efficiency.

Configured development, testing, and production environments to support the software development lifecycle.

Implemented monitoring and alert systems to ensure system stability.

Alenty   Paris (remote)
Viewability measurements

2010 – 2014   **MySQL DBA**

In charge of the production of digital ad viewability data.

Optimized the data loading process, resulting in a 30% reduction in loading times.

Managed over 100 databases distributed across about twenty production servers.

Nielsen   (formerly NetValue, Nielsen//NetRatings) Levallois-Perret
Internet audience measurement

2005 – 2010   **SQL Server DBA**

Administrated the data for the AdRelevance International product (online advertising audience measurement).

Managed offshore operators (India).

Assisted in relocating the Paris Datacenter to Cincinnati (Ohio, USA).

2000 – 2005   **Oracle DBA**

Administrated the RDD Panel (Random Digit Dialing) and the Megapanel products databases.

In charge of the production of audience measurement data.

Implemented data production procedures.

Supported the consultants.

Infonie   Paris La Défense
Internet provider and online service

1997 – 2000   **Sybase Database Developer**

Administrated the subscribers and prospects databases.

Created and leaded the three-member "Éditique" team.

1995 – 1997   **IT Technician**

Installed and administrated a Novell Netware network.

In charge of the maintenance of 170 PCs and Macs.

Education

1994 – 1996	Business Computing at CNAM (National Conservatory of Arts and Crafts)
1992 – 1994	Preparatory classes at EPITA (School of Computer Science and Advanced Techniques)
1989 – 1991	Two-year technical degree in International Trade
In 1988	High School Diploma (Math and science)