



Stéphane PAQUOT

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Blog : <https://www.sqlpac.com>

Databases expert : architecture, administration, performances, modeling, development.

"Explore and analyze the data where it is stored. Duplicate it with or without transformation only if necessary."

Architect - Database administrator (DBA)

UKG | April 2022 ▶ today

Database Administrator - DevOps

PostgreSQL, DevOps :

- production (PostgreSQL 12).
- deployment using Ansible (packages, versions, extensions...). Unit tests : Jenkins.
- migrations from PostgreSQL 12 to PostgreSQL 13.
- pgBouncer.
- pgBackRest.

AXA Investment Managers | January 2005 ▶ November 2021

Database Architect - DBA

Architecture design and setup :

- data replication flows (reporting SAP Sybase IQ...).
- high availability solutions.
- replications between heterogeneous databases (SAP Sybase ASE / IQ, Oracle, Microsoft SQL Server...).
- messaging flows in real time (SAP Sybase ASE RTDS to IBM MQ...).

Global Skills :

- Installations, normalizations, upgrades, backups/restores, maintenance, monitoring, capacity planning...
- Performance & Tuning, SQL optimizations.
- Maintenance tasks scheduling with Control-M tool.
- Security (SSL, encryption, data level access...).
- Audits.
- Disaster Recovery strategies.

Trainings

- 2017 ▶ Apache Spark and Hadoop for developers (*Xebia*).
- 2015 ▶ Oracle 11g R2 RAC Real Application Clusters - Administration (*Oracle France*).
- 2011 ▶ Building Android applications for smartphones (*IFB*).
- 2010 ▶ Sybase Replication Server - Mastering (*Sybase France*).
- 2009 ▶ Oracle 10g R2 - Performance and tuning (*Oracle France*).
- 2008 ▶ Sybase IQ 12.6 - Performance and tuning (*Sybase France*).
- 2007 ▶ Sybase IQ 12.6 - Administration (*Sybase France*).
- 2006 ▶ Sybase ASE 15.0 - New functionalities (*Sybase France*).

Education

- 1997 ▶ Degree in Chemical Engineering - Engineering School of Chemistry of Clermont-Ferrand.
- 1996 ▶ First Certificate in English of Cambridge.

Languages

- French ▶ Native speaker.
- English ▶ Good working knowledge (First Certificate in English of Cambridge, 1997).
- Spanish ▶ Moderate.

Technical Expertise :

- Oracle (RAC, ASM, Dataguard).
- SAP Sybase Adaptive Server Enterprise, Replication Server and IQ.
- Microsoft SQL Server. Mirroring, clusters, AlwaysOn.
- PostgreSQL.
- MySQL, MariaDB Server & ColumnStore.
- InfluxDB suite (time series database, telegraf), Grafana reporting.

SOCIÉTÉ GÉNÉRALE - SGCIB | Avril 2003 ► Décembre 2004

Production Database Administrator - DBA Production

- GLOSS application : Sybase Adaptive Server Enterprise, Sybase Replication Server.
- Microsoft SQL Server 6.5/7.0 databases normalizing.

BNP PARIBAS - BPSS Securities Services | March 2002 ► February 2003

Database Administrator

- Technical support for development teams (releases, Adaptive Server Enterprise 12.0 Transact SQL optimization and tuning).
- Chorus software migration (Back Office accounting) from IBM AIX environments to HP-UX 11i, migration including Sybase Open Servers 12.0 compilations and non-regression testing on HP-UX 11i platforms.
- Post migration HP-UX 11i/Sybase ASE 12.0 performance monitoring.

SYBASE France | March 2000 ► February 2002

Consultant and Trainer (Databases and Tools)

- Technical support for Sybase customers : installations, Sybase Adaptive Server Enterprise 12.0 audit and tuning, PowerBuilder frameworks audits, PowerBuilder applications optimization.
- Trainer : Transact-SQL, Adaptive Server Enterprise 12.0 administration level 1, Performance & Tuning, PowerBuilder (fast track, Datawindows, PFC PowerBuilder Foundation Classes, Advanced controls).

NATEXIS BANQUES POPULAIRES | September 1998 ► February 2000

Client/Server Powerbuilder Developer

- ISIS Project (payroll simulation tool) : PowerBuilder 6.5, Oracle 7.3 (PL/SQL).
- PERSE 2000 Project (payroll system management) : PowerBuilder 6.5, Sybase 11.9.2 (T-SQL).