




POL ALZINA GÜELL

DBA

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 www.poliuscorp.com

SUMMARY

Database Administrator with experience designing, coding, testing and supporting next generation database solutions in Amazon Web Services (Amazon Aurora, DynamoDB, Athena, ...).

Proven success in working as a part of cooperative team effort as well as independently on various projects having the ability to take the technical lead. Skilled in assessing requirements and prioritizing tasks for an on-time solution's delivery. Interface effectively with working team members, supervisors and costumers. A committed team player, self-motivated with the ability to communicate at all levels.

Think and function clearly and calmly in a fast paced and hectic environment, while maintaining a professional, courteous and friendly atmosphere. High achiever, who can generate results with little or no supervision. Present a professional and positive company image at all times.

OBJECTIVE

Database Administrator seeking a position in a company working with AWS technologies.

SKILLS

DBA

- **Data modeling and database design.** Ability to create an efficient physical database design from a logical data model and application specifications. Responsible for data modeling, normalization, and conceptual and logical design.
- **Metadata management and repository usage.** Ability to collect, store, manage, and enable the ability to query the organization's metadata.
- **Backup and recovery.** Implement an appropriate database robust backup and recovery procedures based on data volatility and application availability requirements.
- **Ensuring data integrity.** Ensure the structural integrity of the database (referential integrity, constraints and triggers).
- **Performance management and tuning.** Ability to proactively monitor the database environment and to make changes to data structures, SQL, application logic or the DBMS subsystem to optimize performance.
- **Ensuring availability.** Ensure data availability using non-disruptive administration tactics.
- **SQL code reviews.** High in-depth SQL knowledge and practice to review and optimize all kind of queries.
- **Procedural skills.** Procedural skill to help design, debug, implement and maintain stored procedures, triggers, and user-defined functions.
- **Data security.** Ability to implement a rigorous security infrastructure for production and test databases. And a database auditing capability to document compliance.
- **Capacity planning.** Ability to predict growth based on application and data usage patterns and to implement the necessary database changes to accommodate the growth.

Complementary Skills

- **Database Management Systems.** Fully experienced working with MySQL, Amazon Aurora, DynamoDB (NoSQL), Amazon Athena.
- **Cloud Computing.** Wide knowledge working as a System Administrator with Amazon Web Services technologies (IAM, EC2, S3, VPC, Route53, Glue, Accounts Manager, ...).
- **Programming Knowledge.** SQL, Python 2.7, C, C++, C#, Objective-C, Android, Java, Php, CSS, Javascript.
- **Operating systems.** Advanced OS knowledge working with Linux, MacOS and Windows.
- **Goal Directed.** Ability to quickly understand complex problems and devise effective solutions.
- **Keen to learn.** Always seeking to keep learning and growing personally.

WORK HISTORY

March 2017 – Present **AWS DBA** Inbenta Holdings INC

Lead DBA responsible for the technical and administration aspects of the Database infrastructure. Also the first point of call for providing technical support as well as specialist technical input.

Duties:

- Designing schema, access patterns, locking strategy, SQL development, and tuning
- Modifying the database structure
- Optimizing application and end-user queries (reactive tuning)
- Archiving data
- Generating needed ad hoc reports by querying from the database
- Proactive performance tuning
- Enrolling users and maintaining system security
- Controlling user access to the database
- Parameter configuration and tuning
- Cache management
- Job scheduling
- Monitoring

2011 – 2017 **iOS / Android Developer** PoliusCorp

Designing and developing multiple iOS / Android projects. See portfolio: [www.poliuscorp.com]

2010 – 2011 **Back-End Developer** Iberpotash ICL

Responsible for the implementation of quality auditing through designing and developing web-based applications.

EDUCATION

- 2011 – 2017** Bachelor Degree in Computing Engineering
Polytecnic University of Catalonia, Barcelona (Spain)
- 2009 – 2011** Advanced Technician in EDP applications development
Joviat, Manresa (Spain)
- 2007 – 2009** Upper Secondary Education
Joviat, Manresa (Spain)

TRAINING

- 2016** Cambridge First Certificate – B2 (FCE)
Barcelona (Spain)
- 2015** English Course – C1 (CAE)
Delfin English Course, Dublin (Ireland)
- 2012** English Course – C1 (CAE)
Hansa Language Centre, Toronto (Canada)