



## Mid/Senior Data Developers 8/2015

**Applica Pte Ltd** – Singapore

### Job Description

We are seeking data developers with 3-4 years experience to help standardize + improve our data integration structures + processes. As a key member of the data development + management team you will:

1. Have a very good understanding of BI + data solutions architecture;
2. Understand the different sources of data a client may have and create optimized ways to extract data from internal + external sources, import it and modify it to fit the reporting needs of the client;
3. Be very adept at designing/developing databases; and
4. Develop frameworks that support the processing of large data sets.

In a business sense you will:

1. Understand why databases are being designed + built in a certain way;
2. Preempt a wider database structure beyond immediate reporting requirements;
3. Help drive the change that BI delivers by understanding the various data related dynamics, constraints, and bottlenecks within Clients;
4. Help drive our "big data" strategies; and
5. Help build effective relationships between the Client + the Applica team through efficient + rapid data integration processes that are well documented, communicated + comprehensive.

In a technology sense you will understand:

1. How to optimize the performance + process of taking data from structured or non-structured data sources, creating dimensional models/schemas, enabling high performance predefined queries, to access any data - whether for our BI clients and or the development of our Big Data products; and
2. Make sure that any integration solution is compatible with large vendors and is up to date with technologies that help maintain any targeted competitive edge.

In terms of personal attributes you are:



1. Not afraid to work in a start-up environment focused on emerging markets;
2. Comfortable working in different environments which may include client offices; and
3. Able to work independently, having a strong sense of accountability + delivery.

### Desired Skills & Experience

You will have excellent communication skills, informing team members:

1. clearly the various stages of data development + their dependencies
2. the rationale behind the stages
3. how application development is affected by the data development; and
4. where necessary on a daily basis at pivotal points of a client implementation, any concerns without surprising the rest of the team.

You will have excellent application of data Integration tools/technologies:

1. Implementing ETL solutions using Pentaho Data Integration ETL (Spoon) tool and/or Microsoft SSIS;
2. Several years experience using SQL (MySQL + MSSQL Server) in order to design dimensional/analytical data models for data-mart implementations;
3. Contribute to the improvement of the efficiency of data warehouse team, through scripts, query performance optimization, component development or methodology enhancement; and
4. Comfortable working with large amounts of data including "Big Data".

Excellent understanding of data Analytical tools/technologies:

1. Assist with supporting reports, dashboards, KPI's, and mobile BI solutions;
2. Microsoft SSAS or Pentaho Mondrian for OLAP implementations;
3. Defining MDX or equivalent calculations and queries;
4. Knowledge and work experience with HADOOP, NoSQL (MongoDB, CouchBase etc), columnar + aggregated database environments; and
5. Common adaptors for various OLAP servers (Oracle, SQL Server, Pentaho Mondrian).

Whilst data development is the primary focus should you show aptitude toward Software Engineering we will also have you work upon improving the capabilities of our applications. This means a good understanding of languages including:

1. Knowledge of Java or any other object oriented languages.



2. Familiarity with application servers such as Tomcat etc. and hands on experience in working on Linux based platforms.

Work experience:

1. You will have been responsible for the integration and transformation of data sources into dimensional models for intuitive consumption. This includes designing DW/BI solution for performance, efficiency, scalability + security.
2. Worked for large companies trying to make sense of their data in highly transactional environments.
3. Understanding the data complexities of modern retail, would be an advantage.

### Company Description

Applica operates in and across Asia, and is headquartered in Singapore. The company was founded in 2008 to capture and market the intellectual property from the corporate advisory company Strategica Pte Ltd.

In our brief history, we have developed a suite of Business Intelligence (BI) products, designed for and used in highly transactional environments such as retail.

Applica BI software was created with a practical and commercial approach at the forefront of its design. The main design driver was to capture, build upon and reinforce retail knowledge competences and relevancy, or as we like to call it – our product genius. Part of this genius is that a CEO can learn how to use the Applica software within a day.

Our BI is capable of handling very complex businesses such as hospitals and multi-formatted retailers in China/Indonesia.  
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Think of our BI as your business concierge – our reports will gradually reveal, through the use of drilldowns, more relevant and actionable answers to your questions. We help prioritize and highlight what is most important within the data, with the greatest business impacts.

### Additional Information

Type: Full-time

Experience: 3-4 years Mid-Senior level

Functions: Information Technology

Industries: Retail, Consumer Goods

Location: Singapore



Send CV to: [HR@applica.asia](mailto:HR@applica.asia)

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