

## Job Description

<b>Designation</b>	Database Architect
<b>Department</b>	Research & Development
<b>Report to</b>	AVP - R & D
<b>Location</b>	Delhi
<b>Experience Required</b>	5 to 7 years
<b>Job Purpose</b>	Database Programmer/Architect
<b>Tags#</b>	#databaseprogrammer #MYSQL #multitenant #cloud #queryoptimization #bigdata #performancetuning
<b>Job Role</b>	<ul style="list-style-type: none"> <li>• You would be required to work with &amp; undertake the design to deployment related activities, perform reviews, prevent and resolve technical issues with respect to Database design, management &amp; optimisation.</li> <li>• Extensive experience in building architectural solutions for applications involving large datasets and data volumes.</li> <li>• Knowledge and working experience on big data tools like Hadoop</li> <li>• Familiar with disciplines like text mining, clustering analysis, recommendation analysis, outlier detection, predictive analytics or similarity searches as well as different modelling techniques.</li> <li>• Review and evaluates DB performances</li> <li>• Proven experience in developing very high performance, scalable, and resilient applications.</li> </ul>
<b>Skills Required</b>	<ul style="list-style-type: none"> <li>• Data modelling and database design - Must possess the ability to create an efficient physical database design from a logical data model and application specifications also be responsible for data modelling, normalization, and conceptual and logical design.</li> <li>• Metadata management and repository usage - Must collect, store, manage, and enable the ability to query the organization's metadata.</li> <li>• Database schema creation and management - Must be able to translate a data model or logical database design into an actual physical database implementation and to manage that database once it has been implemented.</li> <li>• Ensuring data integrity - Must be able to design databases &amp; to deploy multiple types of database integrity including entity integrity, referential integrity, check constraints, and database triggers. Furthermore, he/she must ensure the structural integrity of the database.</li> <li>• Performance management and tuning - To proactively monitor the database environment and to make changes to data structures, SQL, application logic or the DBMS subsystem to optimize performance.</li> </ul>

	<ul style="list-style-type: none"> <li>• SQL code reviews and walkthroughs. Must possess in-depth SQL knowledge so they can understand and review SQL and host language programs and to recommend changes for optimization.</li> <li>• Procedural skills. Modern databases manage more than merely data. He/She must possess procedural skills to help design, debug, implement, and maintain stored procedures, triggers, and user-defined functions DigiSmart Digital Media Pvt Ltd</li> <li>• Data Mining and Data Analysis.</li> <li>• Experience in Cloud and multi tenancy models</li> </ul>
<b>Education Qualification</b>	<p>Bachelors or Masters in:</p> <ul style="list-style-type: none"> <li>• Computer Science</li> <li>• Information Technology</li> <li>• Computer Application</li> </ul> <p>Preferred Qualifications:</p> <ul style="list-style-type: none"> <li>• In-depth &amp; comprehensive knowledge of MySQL programming &amp; Database management/ administration.</li> <li>• Work experience on Big data platforms like Hadoop would be an added advantage.</li> </ul>
<b>Age bracket</b>	28 to 33
<b>Working Conditions</b>	<ul style="list-style-type: none"> <li>• Must be competent and flexible</li> <li>• Monday to Friday – working</li> </ul>
<b>Other / Special Requirements</b>	Understanding of Secure Coding Practice