Article Side

Hire a JAVA Developer by Rajeev Ranjan

Article published on April 5th 2012 | Internet

The ever evolving world of application has undeniably brought the JAVA platform to limelight with most of the communication oriented applications like Skype Lite, eBuddy IM Service, Gmail for Mobile, Google Maps being developed using JAVA programming. Well with every cause there is an effect. This alarming rise of applications has created opportunities for enterprises with core business focusing on application development to either directly hire JAVA developers or outsource JAVA developers from India.

Robust application development in JAVA calls for specific domain expertise, thereby creating opportunities for people who are proficient in the emerging frameworks. JAVA programming is all about defining classes and creating objects. The quintessential criteria in selecting the correct developers in his ability to write better code with fewer bugs thereby, reducing the development time.

Three major development challenges that every JAVA developer should know

â€¢ Memory leaks: This issue typically results from using older languages that requires a manual clean up of memory. Heap dumps build up when a developer does not clean the references to an object resulting in an application coming to a halt. In the case of JAVA, there is a memory model that manages the heap dump for every used and unused reference and the creation of these heap dumps allow to analyze memory leaks.

â€¢ Slow SQL: This issue results from too much of data being fetched and not being indexed. This slows down the SQL performance. Another reason for a slow SQL would be Object Relational Mapper or ORM. The use of ORM eliminates the analysis of how two technologies interact using a relational database. However, the use of ORM can place significant burdens on the applications thereby impacting the functioning of SQL.

â€¢ Threading/Synchronization: This issue arises from the lack of synchronization with JAVA support. In JAVA, the codes are executed in separate threads within the same process, thereby sharing the same resource and object in memory. This often poses interference and consistency problems. To avoid such a situation, a developer needs to understand the criticality of using the keyword â€˜synchronizedâ€™ for every thread execution.

Wondering how to hire a JAVA Developer, here are some important insights:

â€¢ To hire JAVA developer , it is important to assess whether the developer is aware of the evolution of JAVA as a programming language along with its functional enhancements.

â€¢ To hire JAVA developer, it is important to understand the developerâ€™s proficiency level in polymorphism, inheritance, and interfaces.

â€¢ To hire JAVA developer, it is imperative to know whether the developer is acquainted with the Abstract Developer Toolkit, Event Delegation Model and Graphical User Interface.

â€¢ To hire JAVA developer, it is important to assess the developerâ€™s proficiency in synchronization an multi-threaded JAVA programming.

â€¢ To hire JAVA developer, it is important to know the developerâ€™s expertise in key technologies such as Swing, JDBC, Network Programming, Remote Method Invocation (RMI), and XML.

â€¢ To hire JAVA developer, it is imperative to assess the developer basis his understanding of Servlet technologies and JSP components such as JSP syntax, JSP Scriptlets and JSP built-in tags.

Article Source:
http://www.articleside.com/internet-articles/hire-a-java-developer.htm - Article Side

Rajeev Ranjan - About Author:
For more information on a hire JAVA developer , check out the info available online a www.globalemployees.com !

Article Keywords:
hire JAVA developer, hire JAVA developer india, hire JAVA programmar

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!