JOB PREP

Why Oracle's Java programming Is So Popular & High In Demand?

The demand for Java skills is huge and continues to be on the rise. It's creating explosive job opportunities for programmers this year as well as the coming years. Java is the 2nd most widely used computer language in the world. It is being used by approximately 10 million developers and runs on 10 billion devices worldwide.

Now, one of the most common questions is from where this demand is coming from and where it is being implemented in the real world. Read on for more information on this.

Secrets behind Java's Success:

Java's demand is on the rise due to the fact that the language is grounded by readability and simplicity. The usage of Java is Android development has also given it a big boost. Currently, it is further getting boosted by Big Data which is making its mark in the IT world.

There is no doubt that the Java technology will sustain for the next 10 years and even more. There are positive forecasts that Android and Big Data market will continue to be on the top for at least another 10-15 years or more. So, learning core Java enables you to learn Android and Big Data.

Java has a higher learning curve. It is very interesting and has vast support of all the libraries, frameworks, and tools that are based on Java.

The main reason why Java has been chosen for Android is because it allows them to create sandbox applications, and create a better security model, so that one bad app can't take down your entire OS.

Java is being used everywhere, whether it is a desktop application creation or mobile-based applications. Also, huge masses of people are flocking to learn how to code Java. This thirst for learning Java is why a lot of organizations including Big Data inclined organizations prefer Java for their development to any other language.

Global I.T.'s Monthly Thought Provocation

"Our growth depends not on how many experiences we devour, but on how many we digest ."
- Ralph Sockman

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- Why Oracle is So Popular
- Top IT Certifications
- Free MOS 2016 Exams

Its relevancy on every platform combined with the abundant-ness of open-source code makes Java one of the most in-demand skills now and in the future.

Popularity of Java:

GitHut is a relatively new resource which contains 2.2 million active repositories among which Java is 2nd most trending repository.

Let's discuss some of the technology-wise real time applications of Java:

Android : Any app you open in your android phone is written in Java programming language using Google's Android Application Packing Interface. Android has provided a much-needed boost and as a result, many Java programmers are now Android App developers.

Big Data : Hadoop, HBase, Accumulo (open source), and ElasticSearch are also java-based and uses Java. Java has the potential to get a major share on this growing space when Hadoop goes big.

J2EE (Spring & Hibernate)

Java is used in applications like E-commerce and web application. There are a lot of RESTful services being created using Spring MVC, Hibernate, etc., Even simple Servlet, JSP and Struts based web applications are quite popular on various government projects & sectors like healthcare, insurance, an education & defense sector.

Conclusion

Since the beginning of software field, many programing languages lost its popularity, mainly due to various security issues or other major concerning issues. In today's emerging world, Java is by default the Software industries' application development language. Java is greatly used and is in high demand in sectors like the financial services industry, Investment banks, and E-commerce web application space.

Anyone who is learning Java has an impressive future ahead. The release of Java 8 has now given the support and faith that Java will continue to be the master of software development space for years to come.

There is no doubt that this is a great year to boost your career and become and expert IT professional. Get started by exploring the various training courses by Global Information Technology in high-growth areas like Oracle Big Data, Java 8, Oracle No SQL. Global Information Technology is an authorized Oracle University Partner. Visit www.global-itech.com or call 1-866-GO-GIT-GO (464-4846) for more information.

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Job Interview Tips

All candidates should research a company thoroughly before an interview. And if the company is a private firm, that's not an excuse to skip doing your homework. Where there's a will, there's a way, and finding a way to gather information on a company distinguishes the great candidates from the good candidates. What else can you do to improve your chances at the interview? Try these tips for size:

Be Concise

Interviewees rambling on is one of the most common interview blunders. Listen to the question, and answer the question, and answer it concisely.

Provide Examples

It's one thing to say you can do something; it's another to give examples of things you have done. Think of recent, strong strategic examples of work you've done, then when the question is asked, answer with specifics, not in generalities.

Be Honest

If you don't have a skill, just state it. Don't try to cover it up by talking and giving examples that

Top IT Certifications for 2016

With successful hacking attacks on many corporate and government systems and networks,CyberSecurity & Security training moves to the front in 2016. With over 1MM IT Security jobs available now as a result, and IT Security salaries rising fast, IT Security is here to stay at the front of IT work.

1. Certified Ethical Hacking/Computer Forensics/Security Analyst/Licensed Penetration Tester. There are two kinds of organizations today, those that know they have been hacked, and those that don't know they have been hacked. From the highest levels of Government agencies, to the smaller commercial businesses, hackers are stealing secrets every day. Huge numbers of State-sponsored hackers are working tirelessly to obtain your information and turn it over to their own government and businesses to compete in the world stage. China became the #1 GDP country in the world a few months ago, largely from stealing the information on how to make products from organizations around the world and use it for their own use. There are a 1,000 ways to penetrate an organization's networks, systems, and applications. The new Version 9 of Certified Ethical Hacking provides the information on how hackers work to enter your systems and what tools they use. This knowledge can be used to build your defenses against these attempts. Computer Forensics deals with what hackers found, copied, deleted, moved, etc of your information. This allows you to respond accordingly and better protect your networks with this information. This course and knowledge is needed by Police agencies all over the country to review what hackers have stolen. The new Version 9 of Security Analyst and Licensed Penetration Tester requires rigorous work, knowledge and reporting to learn how to do Vulnerability Assessments and Penetration Testing of networks, hardware, application, and programming. These courses together make up the knowledge base the proficient IT Security Professionals should have.

2. CISSP and CASP Security is one of the major concerns of any organization. With hundreds of thousands of other country state-employed hackers working to obtain your sensitive information, security today is at a high level. Businesses make substantial investments in information assets, including technology, architecture, and processes. These assets are protected on the strengths of the professionals in charge. Industry standards, ethics and certification of IS professionals becomes critical to ensuring that higher standards for security are achieved. Training for the CISSP exam covers all ten domains of the Common Body of Knowledge. This course should be attended by network and firewall administrators, information security officers, and anyone interested in understanding the principles, best practices, and core concepts of information systems security. CompTIA CASP The CompTIA Advanced Security Practi-

tioner (CASP) Certification is a vendor-neutral credential. The CASP exam is an internationally targeted validation of advanced-level security skills and knowledge. While there is no required prerequisite, the CASP certification is intended to follow CompTIA Security+ or equivalent experience and has a technical, "hands-on" focus at the enterprise level. While the CISSP is primarily theory, the CASP is a hands-on approach.

3. Windows 10 Desktop Security starts with the correct installation, management, and maintenance of the Desktop Operating System. The correct use, oversight, remote management of this Operating System is the first place to begin Security policy. Incorrect installation could leave security holes that can be easily penetrated. These courses are intended for IT professionals who administer and support Windows 10 desktops, devices, users, and associated network and security resources. Students who seek certification in the 70-697 Windows 10 Configuring exam will also benefit from this course. This course is also intended to provide skills for Enterprise Desktop/Device Support Technicians (EDSTs) who provide Tier 2 support to users who run Windows 10 desktops and devices within a Windows domain environment in medium to large enterprise organizations.

4. CCNA, CCNA: Security, CCNP: Security Certifications The access to networks and systems is through routers and switches and Cisco provides the majority of that access. Your networks and systems need to be protected with the latest equipment and techniques. The CCNA course provides the introduction to Routers and Switches and is required for all higher level courses that follow. For the Security Professionals, the Cisco CCNA: Security is the next step. CCNA Security Certification meets the needs of IT professionals who are responsible for network security. It confirms an individual's skills for job roles such as Network Security Specialists, Security Administrators, and Network Security Support Engineers. This certification validates skills including installation, troubleshooting and monitoring of network devices to maintain integrity, confidentiality and availability of data and devices and develops competency in the technologies that Cisco uses in its security structure.

Cisco CCNP Security is one of the keys to the IT Security Professional's career. CCNP: Security knowledge is the way to ensure Network Security Engineers have the practical skills needed to deploy, service, maintain, and support Cisco network security solutions. CCNP Security delivers the practical skills needed to enforce cybersecurity performance, gain high quality security service levels, and meet compliance mandates.

5. MCSA/MCSE: Windows 2012 Server Security is one of the major concerns of any organization. With hundreds of thousands of other country state-employed hackers working to obtain your sensitive information, security today is at a high level. Businesses make substantial investments in information assets, including technology, architecture, and processes. These assets are protected on the strengths of the professionals in charge. Industry standards, ethics and certification of IS professionals becomes critical to ensuring that higher standards for security are achieved. Training for the CISSP exam covers all ten domains of the Common Body of Knowledge. This course should be attended by network and firewall administrators, information security officers, and anyone interested in understanding the principles, best practices, and core concepts of information systems security. CompTIA CASP The CompTIA Advanced Security Practitioner (CASP) Certification is a vendor-neutral credential. The CASP exam is

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6. MCSA: SQL Server 2014 Most of the important data of organizations is contained in databases. Whether this data is maintained in the Cloud, on premise, or both, how is this data properly installed, managed, and maintained including all of the related Security aspects of the information. If the data is in the Cloud, can it be downloaded, by whom, and under what circumstances? As the business conducted on the internet continues to grow at a faster pace than brick-and-mortar retail locations, the potential to do this business lies in the ability to implement, manage and maintain large databases. Millions of websites provide the opportunity to find products through proper usage and installation of this database, a powerful scalable reliable engine for business success. Demonstrate to potential hiring managers your essential skills and breakthrough insights in developing and maintaining the next wave of mission critical environments by achieving the MCSA: SQL Server 2014 certification. This certification is your first step towards earning an MCSE: Data Platform or MCSE: Business Intelligence certification where properly trained individuals can find business opportunities in mass amounts of data that would otherwise go unnoticed.

7. VMware VMware vSphere: Install, Configure, Manage features intensive hands-on training that focuses on installing, configuring, and managing VMware vSphere® 6, which includes VMware ESXi™ 6 and VMware vCenter Server™ 6. This course prepares you to administer a vSphere infrastructure for an organization of any size and forms the foundation for most other VMware technologies in the software-defined data center.

8. CompTIA A+, Network+, Security+ As an example of the importance of these courses, they are required by the Department of Defense in Directive 8570 for all IT employees and contractors. These foundation level courses provide the hard facts on how systems work in a network, and how to be aware of Security implications with port access, routers, cards, etc. Without this knowledge, you may be guessing as to how DNS, subnetting and other aspects of the LAN/WAN work properly. CompTIA A+ certification is the one you need to take if your job responsibilities include entry-level computer service technician support duties and the support of computers running the Windows desktop operating systems. In this course, you'll build on your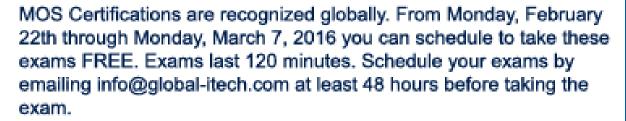 end-user background knowledge as you acquire the