Zachary Snelick

Cloud Computing

Job Description

Job Description Analysis

The first two jobs I researched was an entry-level software developer position and a senior-level software development position. The main components that these two jobs, along with most of the other jobs, shared are to be passionate, flexible, and to be able to communicate and work along side others. The main difference between these jobs is the time and experience needed to apply. These both required a bachelor’s degree in Computer Science or a certain amount of years of experience to apply. Some of the common languages are C, C++, C#, Java, and Python. I would apply for the entry-level position because I feel like I have a basic understanding of all the languages required, along with OOP, data structures, and being able to problem solve.

The next job I researched was a System Engineer position. Like the software development positions Java, C#, Python, and C++ are some of the preferred qualifications. The one qualification that caught my eyes was a minimum of 4 years’ experience in Linux. Knowledge of databases is also a preferred qualification including MySQL, Oracle, SQLServer, or MongoDB. I would apply for this job because I am comfortable with the languages, I have worked a little bit in Linux, and I plan on doing a lot more research in databases because that’s where my interests are.

One of the jobs that required a lot of experience is the Cloud Support Engineer position. This requires a bachelor’s degree and 6 or more months of experience in the industry. Some of the area’s they are looking at is Analytics, Big Data, Databases, and Deployment. Relating to the course, Hadoop is mentioned in Big Data. I wouldn’t apply for this job because I don’t have the 6-month experience and most of the topics mentioned are things that I have came across before, I just don’t have enough experience with them to feel confident about it.

The Data Scientist and Data Engineer positions are two more jobs that I researched. The Data Engineer job requires a bachelor’s degree and the Data Scientist job requires a master’s degree, but a Ph.D. is preferred. The common qualifications I found between these two jobs are experience with databases and big data. SQL was one of the databases listed between them. Hive and Spark was listed under big data. I wouldn’t apply for the Data Scientist job because I don’t have the master’s degree required along with the experience. I would however apply for the Data Engineer position. I plan on doing research and taking a course for databases and have some experience with big data. I also have the bachelor’s degree required for the position.

The position that I am most interested in is the Full-Stack Developer position. This position requires a bachelor’s degree and some knowledge of Java, C++, C, or Perl. They also want someone who has good communication skills and has knowledge of web technologies such as JavaScript. I would definingly apply for this job because this is what I am most interest in and even have taken a class on building back-end and front-end applications.

Another position that I’ve researched is the Database Engineer Position. This position requires knowledge of Linux/Unix systems. It also requires a bachelor’s degree and a minimum of 5 years in Database Administration. SQL is one of the databases to be familiar with. I wouldn’t apply for this position because I don’t have the experience required and I also didn’t like the requirement of the job being a 24/7 operational support position.

Like the previous job is the position of System Engineer in the Database Services section. A bachelor’s degree is required for the position and a minimum of 4 years’ experience working with Linux. Knowledge of databases is very important, such as Oracle and MySQL. You must be able to work in a fast paced and agile development area and be proficient with working with and analyzing data structures and algorithms. I currently don’t feel comfortable enough to apply for this job with my lack of database knowledge and unfamiliarity with Linux. I would feel more comfortable either taking a course in databases or researching them more before I apply for the job. It would make be a better candidate with this information on my resume.

The last job that I researched is a Front-End Engineer. This job requires a bachelor’s degree or 4+ years work experience in this field. They also require you to be proficient in one of the languages of Java, C++, Python, Ruby, or Node.js. They also require familiarity in a JavaScript framework such as Angular or React. I would apply for this position because I have the bachelor’s degree and feel most comfortable in Java. I also researched Angular and even created an application out of it. I also like this side of computer science the most.

After researching all these jobs there are a few common requirements or preferred qualifications that I noticed. The most common requirements that I noticed was to be proficient in a core programming language, the top 3 were Java, C/C++, and Python. All the positions also required a bachelor’s degree or a certain amount of years of experience in a certain field. Familiarity of data structures and different algorithms were also required. Being able to adapt in an ever-changing environment and having strong problem solving is a huge advantage in this field. Being able to communicate with others and working on a team are also very important. Computer Science is one of the biggest industries in the world and is always changing. There is no shortage of jobs and thousands of companies are hiring for this type of positions. The number one position in Computer Science that almost all companies are looking for is a Software Developer.

<https://www.amazon.jobs/en/jobs/708009/front-end-engineer-react-java>

<https://www.amazon.jobs/en/jobs/964215/systems-engineer-database-services>

<https://www.amazon.jobs/en/jobs/798989/full-stack-developer>

<https://www.amazon.jobs/en/jobs/942858/database-engineer>

<https://www.amazon.jobs/en/jobs/872035/data-scientist>

<https://www.amazon.jobs/en/jobs/966314/data-engineer>

<https://www.amazon.jobs/en/jobs/946634/cloud-support-engineer-databases>

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<https://www.amazon.jobs/en/jobs/934277/entry-level-software-development-engineer-2019-graduates>

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