Category	No Experience	Beginner (I have read about or used in a classroom)	Intermediate (I have deployed this technology or have worked with it in a production environment)	Advanced (I am an expert and could teach others)
Data Analyst/Developer				
Database (MySQL, Oracle, etc. or nonRel/Big Data)				
Scripting/developer language (Python, R, Scala, C++, Java, GoLang, etc.)				
Analytical Tools (Python, R, Scala, C++, Qliksense, etc.)				
Machine Learning, Data Modeling Algorithms (i.e., MapReduce, etc.)				
Microsoft Office Suite, esp. Excel and Access				
Software Engineer				
Programming (C, C++, Java, Python, etc.)				
Data Structures and Algorithms, Object Oriented Programming				
Database (MySQL, Oracle, etc. or NonRel, Big Data)				
Networking basics (TCP/IP, layers and architecture)				
Web Developer				
Data Structures and Algorithms, Object Oriented Programming				
Front End: Bookstrap, HTML, CSS, Javascript, AngularJS, Jquery, testing tools				
Data bases: (MySQL, MongoDB, Oracle, Apache, etc.)				
Web Servers: Apache, Tomcat, Express, Ruby on Rails, etc.				
QA: Linux/Unix, SOAP, RESTful Services, testing tools (Selenium, junit, etc.), writing test cases, testing techniques				
Cloud Computing Engineer				
Cloud Services (AWS, IBM Cloud, Google, Azure, etc.)				
Data bases (mostly NoSQL/Big Data)				
TCP/IP Protocols, servers and routers understanding				
Software Engineer skills cited above				
UX/UI				
Skills: Storyboarding, wire framing, prototyping, heuristic evaluation, user interview, user research, user testing				
Tools: Figma, Adobe XED, user testing, Invision				
Blockchain				
Skills: Cryptographic hash (message digest)				
Tools: Data structures, link list				

*Certifications: Lynda, Coursera, Udemy or company skills like Tableau, Google Analytics, AWS, Cisco, Redhat

*Excellent communication and interpersonal skills for every role