



Information Technology Industry

REAL TIME LABOR MARKET SUMMARY

June 2018

Information Technology Industry Labor Analysis Across the State During the Last 6 Months

A sampling of the IT industry for the 6-month period showed over 2,500 job postings for top demand jobs. The top occupation was Software Developers, Applications, making up 17% of total job postings.

Top Job Postings		% of Online Job Postings
SOC Code	Occupations	
Now Occupations		
41-4012	Sales Representatives, Wholesale and Manufacturing	5.9%
43-4051	Customer Service Representatives	1.4%
43-6014	Secretaries and Administrative Assistants	0.6%
43-5061	Production, Planning, and Expediting Clerks	0.5%
41-3099	Sales Representatives, Services, All Other	0.3%
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	0.3%
43-9051	Mail Clerks and Mail Machine Operators	0.3%
43-3021	Billing, Cost, and Rate Clerks	0.3%
43-5071	Shipping, Receiving, and Traffic Clerks	0.3%
41-9099	Sales and Related Workers, All Other	0.2%
Next Occupations		
15-1151	Computer User Support Specialists	5.0%
15-1134	Web Developers	1.3%
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	0.7%
43-3031	Bookkeeping, Accounting, and Auditing Clerks	0.7%
15-1152	Computer Network Support Specialists	0.7%
43-1011	First-Line Supervisors of Office & Admin. Support Workers	0.6%
49-9071	Maintenance and Repair Workers, General	0.5%
29-2071	Medical Records and Health Information Technicians	0.4%
49-2022	Telecommunications Equipment Installers and Repairers	0.3%
17-3023	Electronics Engineering Technicians	0.2%
Later Occupations		
15-1132	Software Developers, Applications	17.0%
15-1199	Computer Systems Engineers/Architects	4.3%
15-1121	Computer Systems Analysts	3.9%
11-9199	Managers, All Other	3.9%
15-1141	Database Administrators	3.7%
13-1111	Management Analysts	3.1%
15-1122	Information Security Analysts	3.0%
15-1142	Network and Computer Systems Administrators	2.6%
15-1199	Information Technology Project Managers	2.4%
15-1199	Business Intelligence Analysts	1.9%

Occupations are divided into Now, Next and Later categories based on the typical training and education required. Now occupations usually require 1-12 months of on-the-job training. Next occupations usually require more than one year of on-the-job training and can additionally need specific work experience. These occupations often require an associate's degree or vocational certificate. Later occupations usually require a bachelor's degree or higher and may need specific work experience.

Nearly three-fourths (73%) of jobs posted for this industry and time period fell into the Later category, indicating this is an industry that demands technical and skilled labor.

The top five employers for the 6-month period of December 01, 2017 - May 31, 2018, making up over one-third (37%) of total job postings, were:

- Navisite Incorporated
- Jack Henry & Associates
- DST Systems
- Cerner Corporation
- Infosys



Information Technology Skills and Certifications

Top 10 Basic Skills	
Description	Rank
Communication Skills	1
Teamwork / Collaboration	2
Problem Solving	3
Troubleshooting	4
Planning	5
Research	6
Microsoft Office	7
Writing	8
Microsoft Excel	9
Organizational Skills	10

Top 10 Specialized Skills	
Description	Rank
Customer Service	1
SQL	2
Java	3
Project Management	4
Software Development	5
Customer Contact	6
Sales	7
Budgeting	8
Technical Support	9
Business Process	10

Basic skills are the most numerous, found in the majority of job advertisements. Several soft skills such as communication, teamwork, and problem solving ranked in the top 10 requested basic skills. Communication skills were found in over one-third (37%) of total job postings for the time period. Customer service was the top specialized skill, followed by SQL and Java.

Top 10 Software Skills	
Description	Rank
SQL	1
Java	2
Microsoft Office	3
Software Development	4
Microsoft Excel	5
Oracle	6
JavaScript	7
Microsoft Powerpoint	8
SQL Server	9
Linux	10

Top 10 Certificates	
Description	Rank
Driver's License	1
Security Clearance	2
Project Management Certification	3
IT Infrastructure Library (ITIL) Certification	4
Capability Model Maturity Integration (CMMI) Certification	5
Certified Information Systems Security Professional (CISSP)	6
Certified Public Accountant (CPA)	7
Certified A+ Technician	8
Project Management Professional (PMP)	9
CompTIA Security+	10

Both programming skills and knowledge of Microsoft products ranked in the top requested software skills. The top requested certificate was Driver's License, followed by Security Clearance and Project Management Certification.

Notes:

Data for this analysis has been extracted using Burning Glass Technologies Labor/Insight™ tool which collects information from over 35,000 web sources, including job boards, newspapers, and employer websites. While this analysis presents a broad picture of hiring activity and serves as a measure of labor demand, it does not capture openings that are filled through other networks.

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