IT JOB TRENDS

NC IT JOB POSTINGS MAY 2019
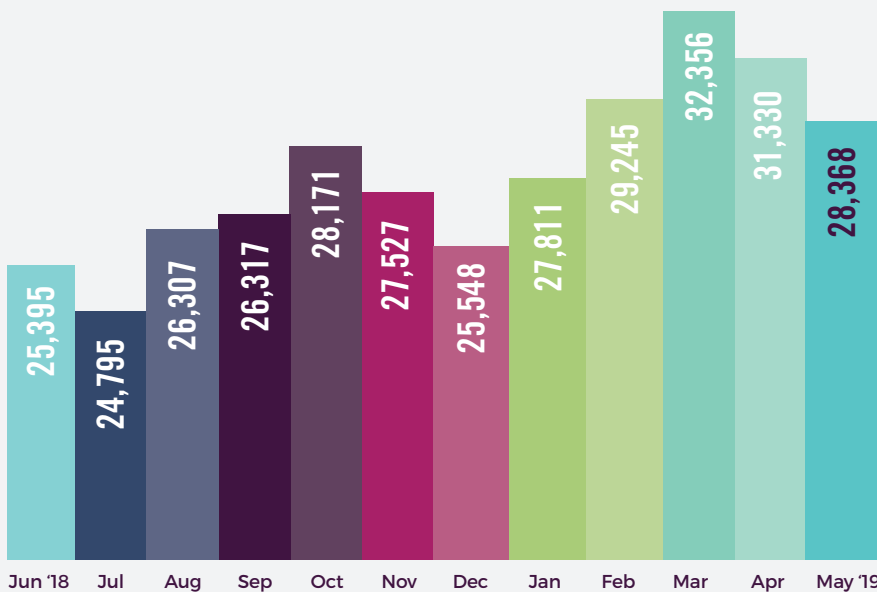
TOP 10 Occupations

Occupations	May '19	May '18
Software Developers	6,792	+30.3%
Network + Computer Systems Administrators	3,134	+13.9%
Computer Systems Analysts	2,497	+11.7%
Computer User Support Specialists	2,447	+8.4%
Information Technology Project Managers	2,946	+59.3%
Computer Systems Engineers/Architects	2,141	+35.2%
Information Security Analysts	2,011	+0.6%
Computer + Information Systems Managers	1,679	+47.4%
Web Developers	1,678	+20.8%
Software Quality Assurance Engineers	1,084	+26.6%
TOTALS Including All Others	**28,369**	**+14.5%**

NC vs US JOB POSTINGS / May 2019

NC: 28,368 (+14.5% from May 2018)   **US: 906,507** (+0.6% from May 2018)

TOP JOB POSTINGS / PAST 12 MONTHS

Month	Postings
Jun '18	25,395
Jul	24,795
Aug	26,307
Sep	26,317
Oct	28,171
Nov	27,527
Dec	25,548
Jan	27,811
Feb	29,245
Mar	32,356
Apr	31,330
May '19	28,368

Ongoing data updates/revisions may cause fluctuation in job numbers contained in previous monthly reports

TOP 10 MSAs

Location	May '19	May'18
Charlotte/Concord/Gastonia	10,528	+22.4%
Raleigh	8,817	+11.4%
Durham/Chapel Hill	3,952	+19.3%
Greensboro/High Point	1,139	+50.5%
Fayetteville	751	-40.2%
Winston-Salem	486	+13.6%
Wilmington	361	+33.2%
Burlington	228	+20.0%
Asheville	148	-25.6%
Greenville	130	+7.4%
TOTALS Including All Others	**28,368**	**+14.5%**

TOP 10 Hard Skills/Certifications

Skill	May '19
Java	5,788
Software Development	5,722
Structured Query Language	4,804
Linux	4,349
Python	4,040
JavaScript	3,842
Systems Development Life Cycle	3,778
Application Development	3,402
Agile Software Development	3,139
Quality Assurance	3,141

TOP 10 Hirers of Tech Talent

Employers
IBM
Cisco
Oracle
Wells Fargo
Deloitte
Lowe's
Bank Of America
Perspecta
Verizon
Infosys Limited

DATA SUMMARY

May 2019 saw another slight dip in open technology positions from the previous month, but it still showed a **14.5% increase** from May 2018. There were **28,368 open positions** for the month, with the majority concentrated in Charlotte and Raleigh. Greensboro showed strong growth with a 50.5% increase in open IT positions from May 2018.

Middleware software has exploded in growth from last year at **12,750%**, followed by Kubernetes with 110% growth. The **wholesale trade** and **retail** industries are driving the increase in IT jobs. Each grew over 20% from this time last year. **IBM** and **Cisco** are the largest sources of IT job postings this month. Cisco showed the strongest growth at 167.7%.

SUPPLY & DEMAND SNAPSHOT: KAFKA

Kafka has been a steady presence on the top ten skills list over the course of the year. The open-source software platform has become instrumental in real-time data analytics and has grown in job postings over 104% from 2018. It has been implemented and heavily used by tech giants such as LinkedIn, Netflix, and Twitter. Let's take a closer look at the employment market surrounding this growing skillset.

- **Demand Pressure**: Over the course of May 2019, there were 812 jobs requiring Kafka experience in North Carolina. Over the past year, there have been 3,067 in total. In a reflection of the current talent shortage, there is an average of 7 job openings for each candidate in the state. Nationally, this increases to 11 jobs per candidate.

- **Certifications:** Certifications can help an individual stand out when working with Kafka. The Confluent Certified Developer for Apache Kafka (CCDAK) program is the first certification program developed for the skillset and has become one of the most widely recognized in the tech industry. Professionals also have the option to become a Confluent Certified Administrator for Apache Kafka (CCAK).

- **Job Titles:** Common job titles for individuals with Kafka experience include: Software Engineer, Data Engineer, Hadoop DevOps Engineer, Java Developer, and Data Architect.

STAY CONNECTED

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