Which of the following describe you? Please select all that apply**. ( Used from 2018 survey)**   
  
Back-end developer   
C-suite executive (CEO, CTO, etc.)   
Data or business analyst   
Data scientist or machine learning specialist   
Database administrator   
Designer Desktop or enterprise applications developer   
DevOps specialist   
Educator or academic researcher   
Embedded applications or devices developer   
Engineering manager Front-end developer   
Full-stack developer Game or graphics developer   
Marketing or sales professional   
Mobile developer   
Product manager   
QA or test developer   
Student   
System administrator   
None of the above

Which of the following best describes the highest level of formal education

that you’ve completed? **> ( Used from 2018 survey)**   
  
  
I never completed any formal education

Primary/elementary school

Secondary school (e.g. American high school, German Realschule or

Gymnasium, etc.)

Some college/university study without earning a degree

Associate degree

Bachelor’s degree (BA, BS, B.Eng., etc.)

Master’s degree (MA, MS, M.Eng., MBA, etc.)

Professional degree (JD, MD, etc.)

Other doctoral degree (Ph.D, Ed.D., etc.)

**Uses from the 2019 survey**

Which of the following programming, scripting, and markup languages have you done extensive development work in over the past year, and which do you want to work in over the next year? (If you both worked with the language and want to continue to do so, please check both boxes in that row.)  
  
 Worked with in the past year Want to work with next year

Assembly  
Bash/Shell/PowerShell  
C  
C++  
C#  
Clojure  
Dart  
Elixir  
Erlang  
F#  
Go  
HTML/CSS  
Java  
JavaScript  
Kotlin  
ObjectiveC  
PHP  
Python  
R  
Ruby  
Rust  
Scala  
SQL  
Swift  
TypeScript  
VBA  
WebAssembly  
Other(s):

Which of the following database environments have you done extensive development work in over the past year, and which do you want to work in over the next year? (If you both worked with the database and want to continue to do so, please check both boxes in that row. **(USED from 2018 Survey)**

Worked with in past year Want to work with next year.  
Cassandra  
MongoDB  
Redis  
SQL Server  
MySQL  
PostgreSQL  
SQLite  
Oracle  
MariaDB  
IBM Db2  
Amazon  
DynamoDB  
Apache HBase  
Apache Hive  
Memcached  
Amazon Redshift  
Amazon  
RDS/Aurora  
Google BigQuery  
Microsoft Azure

Which development environment(s) do you use regularly? Please check all that apply. **(Uses from 2018 survey)**

Android Studio   
Atom   
Coda   
Eclipse   
Emacs   
IntelliJ   
IPython / Jupyter   
Komodo   
Light Table   
NetBeans   
Notepad++   
PHPStorm   
PyCharm   
RStudio   
RubyMine   
Sublime Text   
TextMate   
Vim   
Visual Studio   
Visual Studio Code   
XCode  
Zend