**The three software technologies that I chose are: Google, Amazon and Netflix**

**Netflix –**

Java: At the heart of Netflix's technology stack is Java programming language. This language is employed to develop the company's backend systems, such as content management systems, recommendation engines, and data processing pipelines.

Python: In Netflix's technology stack, Python plays a significant role, particularly in data processing pipelines and recommendation engines.

Other applications and Data

JavaScript: Netflix utilizes JavaScript to offer its users a seamless and enjoyable viewing experience while enabling the company to build new features and updates quickly and efficiently. Specifically, Netflix relies on ReactJS for its primary frontend application.

**Other Applications:**

[Node.js](https://stackshare.io/nodejs)

[MySQL](https://stackshare.io/mysql)

[PostgreSQL](https://stackshare.io/postgresql)

[Amazon S3](https://stackshare.io/amazon-s3)

[Amazon EC2](https://stackshare.io/amazon-ec2)

[Flask](https://stackshare.io/flask)

[Amazon RDS](https://stackshare.io/amazon-rds)

[Amazon DynamoDB](https://stackshare.io/amazon-dynamodb)

[Cassandra](https://stackshare.io/cassandra)

[Oracle](https://stackshare.io/oracle)

[Hadoop](https://stackshare.io/hadoop)

[Amazon RDS for PostgreSQL](https://stackshare.io/amazon-rds-for-postgresql)

[Amazon EMR](https://stackshare.io/amazon-emr)

[Presto](https://stackshare.io/presto)

[CloudBees](https://stackshare.io/cloudbees)

[Pig](https://stackshare.io/pig)

[winjs](https://stackshare.io/winjs)

[Atlas-DB](https://stackshare.io/atlas-db)

**Google –**

JavaScript:

Google’s website uses JavaScript to make an awesome website. Google uses various libraries of JavaScript (AngularJS). JavaScript is also useful for google mobile devices.

C++:

Google gives the most priority to this language. Google uses C++ to handle several servers at a time. C++ also used on different devices and platform. Google uses C++ language to handle applications including 3D Graphics and GUI,

PYTHON:

Google uses python in various products, including YouTube. YouTube is made using python language. As well as google search is made in python.

JAVA:

Java is uses to develop Google’s product Android. This Operating System made in Java programming language. Google, uses Java for coding server and developing the interface for the user.

**Other Applications:**

[Android SDK](https://stackshare.io/android)

[Golang](https://stackshare.io/golang)

[Dart](https://stackshare.io/dart)

[guava](https://stackshare.io/guava)

[Preact](https://stackshare.io/preact)

[Material Design Lite](https://stackshare.io/material-design-lite)

[Material Design](https://stackshare.io/material-design)

[LevelDB](https://stackshare.io/leveldb)

**Amazon –**

Java:

Amazon's preferred programming language is Java. It ranks among the top programming languages utilized by Amazon for web development, application development, and big data handling.

Python:

Amazon employs Python across various aspects of its platform. The company's product and deal recommendation system, which uses Artificial Intelligence and Machine Learning to analyze and recommend items to users, is implemented in Python. Amazon processes vast amounts of data, it requires a technology capable of managing it; Python can handle this due to its scalability and flexibility in interacting with other technologies such as Hadoop. Jupyter notebooks serve as another example of how Amazon uses Python for numerous applications, including Machine Learning and automation with AWS resources.

**Other Applications:**

[React](https://stackshare.io/react)

[MySQL](https://stackshare.io/mysql)

[AngularJS](https://stackshare.io/angularjs)

[Redux](https://stackshare.io/reduxjs)

[Perl](https://stackshare.io/perl)

R[edux-saga](https://stackshare.io/redux-saga)