Module 2 Assessment: JS Basics 2

**Extra Credit: Company Stack Research**

Identify 3 software or technology companies the interest you.

Conduct research to figure out some or all of the elements of each company’s technology stack. Check job openings/job descriptions, engineering blogs, and anything else that may have information about what the company uses to write/build it’s software products.

Record your findings in a google doc. If you can find information about why the company chose that stack, include that as well.

Save your files and push them to GitHub with your code.

**Company 1: Craigslist**

The reason why I chose Craigslist is I think the tech stack is simple enough for a beginner like me to understand.Craiglist’s objective is to create a simple, minimalist website that can quickly load classified ads.

From the craigslist page (<https://www.craigslist.org/about/thanks>), here are the tools that Craiglist team used to build the website:

* Linux - open source operating system
* Apache - open source web server
* mySQL - open source SQL data store
* **Perl -** most craigslist software is written in Perl (tmtowtdi)
* Sphinx - open source search engine
* OpenStreetMap - geographic data for the world
* Haraka and Postfix - email servers
* Redis - open source key-value store
* MongoDB - open source NoSQL database
* Git - open source version control
* GNU - emacs, gcc, bash, the concept of free software
* Mozilla - Firefox, bugzilla, etc
* Pine - email client, "it works"
* Wikipedia - the world's encyclopedia, "we link to thee"
* EFF - watching over our rights in the electronic world
* WELL - online community pioneer

**Company 2: Hackernews**

Hacker News is a social platform for users to discuss tech, programming, startups, and entrepreneurship. Similar to the Reddit website, Hacker News website (https://news.ycombinator.com/) is simple with a minimalist front page where user can click to view the topic and comments.

From the research, the tech stacks might be:

Frontend: HTML, CSS, JavaScript, React

Backend: Python, Flask, SQLite

Database: PostgreSQL

Web Server: Gunicorn (which is apparently a server that works with Python & Flask)

**Company 3: FreeCodeCamp.org**

FreeCodeCamp is a website that offer free lessons and articles to learn full stack web development.

Based on this commenter who is also an instructor at FreeCodeCamp (<https://www.quora.com/Which-tech-stack-is-Free-Code-Camp-using>), the site use full-stack javascript. However this was 8 years ago so the tech stack might be different.

Frontend: HTML, CSS, JavaScript, React

Backend: Javascript

Database: MongoDB

Web Server: Node.js & Express