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Team Rankings

Dear Alex, Eric and Jie,

Reasoning

I would like to preface my rankings by sharing the two factors that they are primarily based on:

1. I would like to continue using the [CLI workflow](#) ([i3](#), [tmux](#), [Vim](#)) that I have been using to do all my projects in for the last couple of years.
2. I am interested in pursuing a career in DevOps. Based on this [roadmap](#), I would say that I have dabbled with or have knowledge on 60+% of it from my 2 years of experience on Linux, the [command line](#), [running a server](#) and various coursework. And given that the 3 pillars of Red Hat are based on the cloud, I have chosen my projects based on what I believe I would gain the most cloud knowledge out of. Specifically, I would like to get the chance to work on projects that would help me learn more about containers, container orchestration and CI/CD.

Regardless of which team I'm on, I believe I would be a strong addition to any of these teams with my:

- desire to learn new and relevant skills for my future
- ability to pick up and use new technologies shown through various side projects on my [Github](#) and [Gitea server](#)
- ability to write good documentation in [questions](#), [bug reports](#) and [pull requests](#)
- familiarity with Linux/command line/scripting

Rankings

With all that being said, here are the rankings I came up with based on my interests:

1. CoreOS

Red Hat was my top pick for an internship for 2 reasons. First, I would be working on open source projects, which I am deeply passionate about. And second, I would potentially be working on a container team. There, I would gain a lot of experience working with containers, which is essential knowledge for any aspiring DevOps engineer. Ever since seeing the job posting, I knew CoreOS and Kubernetes were going to be 2 of the teams I would want to work on the most. Soon after receiving the job offer, I got in touch with Allen and Jeff to inquire about the teams, and they only reaffirmed my desire to work on them.

While I essentially have the same reasoning for ranking CoreOS and Kubernetes as 2 of my top choices, I chose to rank CoreOS over Kubernetes. This is because I would be working with an existing product on the CoreOS team. With the experience I would gain from 16 months of working on CoreOS-related projects, I would be building a strong foundation of knowledge on established technology; this would be a great kickstart to my potentially long career at Red Hat. Jerry also mentioned that the projects I would be working on would be self-contained. This allows me the opportunity to diversify my learning experience and learn a variety of skills to build that aforementioned foundation of knowledge. Taking a look at the work that Allen has done, I can see many technologies and projects I would love to get experience working on: [a CoreOS build tool using Go](#), [a CoreOS installer using Rust](#) and [a web app using Vue](#) to name a few.

2. Business Automation

What stands out to me about this team is that I would be part of the Kogito Cloud Engineering team. From what I can gather from the presentation and slides, I believe this team would be an amazing opportunity to develop invaluable DevOps skills. The following are all things they mention in the slides about Kogito that appeal to me:

- design and architect how all the pieces in a cloud environment will work and function together
- work with the Go operator that integrates with OpenShift/Kubernetes to manage how the images are installed, configured and managed
- work with Quarkus/Kubernetes/OpenShift, containers, the Operator SDK and Bash (all on the tech stack)
- directly mentioning that you will gain a strong understanding of cloud technologies

With all this, I believe working on this team would also provide me with a solid foundation of knowledge on which I can base the rest of my career at Red Hat on.

3. Emerging Technologies

The obvious reason for me wanting to work on this team is the central Kubernetes theme around all their projects. Kubernetes is something I definitely wanted to gain experience working with at this internship, and I'm sure I will learn lots about it working on this team.

But, there is also another aspect of this team that intrigues me. When thinking of the Emerging Technologies team, I can't help but be reminded of the Star Trek title sequence: "To boldly go where no man has gone before!" This is the vibe I get from the team; they are at the forefront of the latest and greatest in technology and exploring uncharted territory. It is undoubtedly exciting to think about the prospect of working on projects that are potentially planting the seed for what could be a future flagship Red Hat product.

4. **Perftools**
5. **OpenJDK**
6. **WildFly Elytron**
7. **IDE/Services**
8. **VS Code Tooling**

Sincerely,



Kevin Mok