LinkedIn, which is a networking site that was created for businesses professionals to connect, and network was created in 2003. Which has over 350million users and creates well over “tens of thousands of requests per second”, which every second gets millions of queries through their backend. (Kim et al., 2016) However LinkedIn has a useful tool that monitors and collects telemetry data constantly. They are able to see bottlenecks or even failures in real time. (Kim et al., 2016)

With LinkedIn’s monitoring tool it allows for developers to “react to incidents within minutes” (Kim et al., 2016) Which apparently lets developers to respond and fix issues very quickly. But there was a problem in 2010 with the amount of data being created. It made it a challenge for the developers to look at the data. (Kim et al., 2016)

During a summer internship in 2010, Eric Wong worked on a project that would improve this system. “To get something as simple as CPU usage of all the hosts running a particular service, you would need to file a ticket, and someone would spend 30 minutes putting [a report] together.” Wong was quoted as saying. (Kim et al., 2016) While working on this project Wong was able to write a few python scripts that would simplify the process which reduced the time spent going through the Zenoss interface. (Kim et al., 2016)

Wong would keep working on adding useful tools to InGraphs in order to get the information the engineers needed to help make their work easier. This summer internship would be considered “one of the most visible parts of LinkedIn operations.” (Kim et al., 2016)

Reference:

Kim, G., Debois, P., Willis, J. O., & Humble, J. (2016). *The DevOps Handbook: How to Create World-Class Agility, Reliability, and Security in Technology Organizations*. https://dl.acm.org/citation.cfm?id=3044729