# cenX staff piX

**What is your role at CENX and what does it entail?**
I'm a software architect, focusing on analytics and data science. On the data science and analytics side, we have a lot of opportunities coming down the pipeline. CENX management software collects a lot of data from the underlying telecom network. Now we're researching and prototyping new and innovative analysis techniques. Even when we find a promising analysis technique, it doesn't do any good if we can't calculate it quickly enough with the available resources. There's a whole world of analytical possibilities; exploring and charting those possibilities is what brings me to CENX. As an architect, my responsibilities include coordinating how all the software components work together on a large scale, as well as the technology choices that affect scalability and availability.

**What attracted you to CENX?**
At CENX, we are bringing big data analytics to the telecommunications industry. It's all about solving interesting problems; I'm passionate about data science and it's a large component of my work here.

**What excites you about the work you do at CENX?**
Predictive analytics, data science, there are a bunch of terms around it. CENX has a foothold in what is essentially a brand new industry. This allows us to actively explore and evaluate many different possibilities. On the one hand, this is daunting…on the other, it's exciting.

**What opportunities do you have to develop your career at CENX?**
CENX is a bigger company compared to my previous jobs, and when you are on a large team, you have the opportunity to specialize. We learn a lot from each other because we have a more diverse set of backgrounds and experiences from which to draw collectively. We're constantly growing as a company, hence there is room for personal growth, as there are always new challenges and people to bring into the fold and new things to architect.

**What do you like best about the CENX work environment?**
The language and technology stack is very interesting. I've enjoyed working with Clojure, Spark, Cassandra – all technologies which are at the forefront of what we're doing. In regards to coworkers, the people I work with are very talented. Because of our choices surrounding technology, CENX attracts certain types of people; people who are interested in learning new technologies and pushing their boundaries to accomplish new things.

### Joel
Software Architect

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**What do you like best about the CENX work environment**
The technologies, the workspace, and the industry opportunity. At CENX, we are defining an industry and we have the opportunity to influence the direction, that's pretty powerful.