



Rahel Beyene

**B.S. in Environmental Engineering,
Utah State University (2013)
M.S. in Chemical Engineering (2018)
Schlumberger, Sugar Land, TX**

Describe your overall duties/ responsibilities as a WS Field Engineer 2:

I am part of a team of engineers and fluid experts who support our Well Construction sales team. We design cement jobs for oil and gas companies in North America land. We base the fluid selection, simulations, and placement based on client requirements, well conditions and corporate engineering guidelines. In some cases, we investigate post cement jobs.

Explain the skills/abilities that are required for being successful in your role:

Communication skills and the ability to learn continuously are some of the skills required to be successful in this role. We are constantly communicating with the sales team, operations, and management in order to generate safe and quality designs. Schlumberger's R&D team is always working towards coming up with new cement additives

and technologies to better meet client needs. Thus, as part of the design team, it's important to keep up with these findings in order to utilize them when applicable.

What advice would you give to students who are considering majoring in Chemical Engineering?

There will definitely be challenging times ahead as you're going through the journey of obtaining your degree or even working as an engineer. Some problems may seem impossible to solve. Start from what you know and build from there. Don't be afraid to ask questions. "It always seems impossible until it's done." - Nelson Mandela

