Mairi Macdonald
Engineer / Software Engineer

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PhD Mechanical Engineering Queen's University Belfast, (2002)

I started working with ANSYS in Berkeley, CA where I was a software developer for CFD applications. Following that I spent some years as a software engineer at SanDisk, including 3 years of Android development.

Now I have started a new role in San Francisco as an engineer at Rescale enabling engineers to run analyses in the cloud. This job allows me to use by engineering background as well as my software experience. Rescale offers a software platform and hardware infrastructure for companies to perform scientific and engineering simulations. Their mission is to provide a powerful simulation platform that empowers the world's engineers and scientists to develop the most innovative products and perform ground breaking research and development. Rescale was founded in early 2011 by Joris Poort and Adam McKenzie and has since grown rapidly to become a leading cloud simulation provider. Their team consists of industry thought leaders, computer scientists, and domain experts in the industries it serves.

My best piece of advice to others would be to learn from your colleagues in all roles, not just those working in technical fields. Building a successful product takes a team.