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Is complexity eating you or your customers alive?

How best to cope with ever increasing demands for *more*? Can you find somebody that can honestly check every skill and technology box and what do you do about the fact that that checklist is always expanding and changing?

Would it instead help to have somebody with qualities like these?

- Eager and rapid learning, and not afraid to change things up and try something new
- Able to grok both the essential details and the big picture in a new context and operate there
- Translates between the many silos of our modern world with depth but in common language
- Able to take on many of the roles a project might demand and adapt as things change
- Takes insight from diverse and unusual places to form new ideas when the usual is not enough

This catalog of multipotentialite tendencies captures how I love to work, but also with a deep love for the rigors of formal mathematics, and an education composed of teaching from many top instructors on a diverse set of subjects spanning the arts, social sciences, sciences, engineering, and mathematics. I was serious about learning and mastering all of these subjects in school even if it meant compromising top grades. But growing up with a family history in Los Alamos, New Mexico and even reaching back to the Manhattan project itself meant not only the inspiration and encouragement to pursue such a renaissance style education, but the isolated ruggedness of the town and family roots that span the Los Alamos culture, mean that life demanded practical if not simple solutions as well as the ability to tackle the most challenging and complex problems as well. My immediate family was deeply immersed in the world of advanced physics, and exposed me to computing technology since at a very early age. I am a digital native of a sort raised in the earliest days of personal computing and the nascent internet.

I completed college with degrees in Computer Science and Psychology in addition to extensive studies in Mathematics, Biology and Chemistry, and a Co-op position in Sort Engineering at Intel at the height of Pentium and Pentium Pro production. I cut my teeth here on Intel's Kaizen-like Continuous Improvement processes and culture as both a member of the Fab 11 product disposition team and a contributor to Sort automation. Thus from the beginning of my career I learned and practiced production process disciplines and also ambitiously pursued the Intel goal of obsoleting your job position by developing tools for sort data analysis and automating process guidance to the sort floor, allowing for more efficient quality reporting back into the fab and reducing the need for sort engineering to oversee normal product flow.

Moving from manufacturing test to software test and development with IBM distributed computing middleware I took inspiration from my experience at Intel and began building automated build and test tooling, frameworks, automation pipelines, and systems and network systems and software deployments with a long time IBM engineer who served me first as a mentor and then as a start-up employer. He relayed much of IBM's similar Total Quality Management processes that had fueled IBM's growth to one of the largest companies in the world.

I continued to enhance different versions of these technologies and skills as I moved from our start-up to the U.S. Courts, to Sony-Toshiba-IBM, and then back to IBM. Building hardware, networking and security skills as a systems administrator in addition to software development and tooling. Eventually finding my way into security product development and then becoming a production build engineer. I took a journey over the years that in many ways paralleled the early DevOps movement. And by 2017 I had found my way into the DevOps movement but, with my unusual familiarity with low-level, operating systems, and middle-ware development, I applied these skills to Cray BIOS and firmware development teams, supporting both developer productivity as well as security, and release process efforts and integration into a modern cloud oriented company-wide DevOps services team. And between build engineering at IBM and Cray, I began to gain exposure to the broad ecosystem of tooling available to Cloud developers which resembled many aspects of the tooling I had developed through my career to support my own automation systems.

1. Idea Synthesis
2. Rapid Learning
3. Adaptability
4. Big Picture Thinking
5. Relating and Translation