# Matt Blecha

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## What I want to do

I want to find a technical company where I can help create something amazing, something that changes the world and I want to have a good time doing it. I love technology and I want to share my knowledge and help people think and grow. I'm an idea guy, an inventor. I love to come up with ideas outside the box to solve problems. I detest the idea of sick days. If I'm not feeling well, (which doesn't happen often) I'll work from bed, just because I need something to do. I believe anything can be accomplished with the right expectation, focus and determination.

## Experience and Talent

To see some examples of the things I've created below, check out my portfolio at the link above.

*Hughes Landscaping, Inc.* | Director of Information Technologies | Parker, CO
January 2017 - Current

In this role, I oversee the day-to-day technical operations of the business, including working with third party technical assets, to maintain the smooth operation of Hughes Landscaping, Inc. and it's subsidiaries.

Upon my arrival at Hughes Landscaping, I implemented a major overhaul of the technical systems, including core infrastructure upgrades, fiber to remote facilities and VPNs between remote sites, as well as mesh WiFi at all Hughes Landscaping properties.

- Adtran
- RedHat KVM
- Medium sized Windows Domain (FL2016)
- Dell/HP/Intel NUC
- Ubiquiti UniFi Multisite Architecture
- POS/Merchant Accounts
- VoIP Implementation/Maintenance

*The Zayo Group, Inc.* | Systems Engineer | Inverness, CO
February 2016 - August 2016

This has by far been the most varied position I have held in a large environment. My team was responsible for managing the systems deployed both for corporate and client virtualization and cloud. I also flowed into some light network engineering with our network engineering team.

During my tenure, I have planned many storage and virtualization migrations, as well as contributing to the design of Zayo's new object storage product.

- Cisco, Brocade & Arista
- VMWare
- Zerto
- Avamar
- HP 3par
- Compellent

*Aspen Systems, Inc.* | Systems Engineer | Wheat Ridge, CO
June 2015 - February 2016

I worked with Aspen Systems as a Systems Engineer designing, building and maintaining High Performance Computing Clusters for several government and private entities. Specifically, I architected new high bandwidth, highly available storage products. In addition, I expanded my experience with InfiniBand, 10GbE and HPC tools such as PBS and torque as well as cluster libraries such as MPI and OpenMP.

I was also instrumental in developing new policies and procedures for the support and engineering departments to facilitate a large amount of growth in both support and sales.
- Cisco/Brocade
- HPC
- Avaya IP Office/VoIP QoS
- Infiniband
- Intel Lustre
- GlusterFS + RedHat oVirt & Openstack

*BOEING/JEPPESEN* | Application Integration Engineer - Lvl. 5 | Inverness, CO
September 2014 – March 2015

I fulfilled two short-term contracts with JEPPESEN. Both were brought by a third party staffing firm as Systems Administration roles that turned more DevOps oriented. The first was for the Digital Airline Platform, a Software as a Service platform for airlines to manage their flight systems, maintenance and equipment worldwide. The second position was for Jeppesen Marine, migrating the Marine Management platform from VMware to Amazon EC2. This was also one of Jeppesen/BOEING's SaaS offerings.

On these two assignments, I worked heavily with various VM image formats as well as provisioning and deployment automation systems such as puppet. There was also a lot of work with the version control systems GIT and Subversion and release management, such as Jenkins, Bamboo and a small amount of Docker.
- VMware/Amazon EC2
- PowerShell
- Docker
- GIT
- Jenkins/Bamboo
- Puppet

*Advanced Circuits, Inc.* | Senior Systems Engineer | Denver, CO
April 2014 – September 2014

Over six months, I completely rebuilt the infrastructure at Advanced Circuits, including both starting their virtualization platform and reworking their network to perform more efficiently.

Here I worked a lot with their Windows Infrastructure, preparing it for virtualization. I spent a lot of time with ZFS and their current SAN architecture to create a reliable storage system, and built a custom oVirt and OpenStack environment to provide them with both scale up and scale out capabilities.
- Cisco Switching/Adtran Routing
- RedHat GFS + GlusterFS + RedHat oVirt & Openstack
- Mitel (Approx. 700 handsets)
- QoS, VLAN Priority
- Network Architecture
- System Administration

*SimpleSignal, Inc.* | Network Engineer ||| | Denver, CO
January 2013 – March 2014

The biggest feather in my cap here is the creation of an actual virtualization environment designed, built and maintained under my direction. Of course I'm responsible along with the other Network Engineer for managing the geo-redundant Cisco core and am the primary engineer for our two clusters of Linux and Windows infrastructure powering our voice services. This is by far the largest enterprise in terms of customer base I have worked with, encompassing approximately 30,000 customers with over 100,000 users and processing millions of calls per day.

- LAN/WAN architecture
- Cisco Routing/Switching(BGP/OSPF/QoS)
- Adtran Internetworking
- Linux (Specifically RedHat/CentOS and Fedora)
- Windows
- KVM/oVirt
- ZFS
- BroadSoft, ACME and Sansay

*Altavox Telecom/Peak Integrated Networks/5280 Networks* | Senior Network Engineer | Centennial, CO
May 2006 – December 2012
Wow, this is kind of a tough one to explain. I've been working with these guys forever. I started out as a consultant somewhere between 2004 and 2006. Somewhere along the line, I was hired on kind of part-time and then when Peak Integrated Networks was acquired in February of 2012, I was offered a full-time position.

While working with Peak/Altavox, I have been responsible for the design and maintenance of the data and VoIP network, but my main achievement here was creating most of their systems and services that exist today. I built and maintained almost every part of the technology they used to provide their services, including the core infrastructure, hosted services platforms and part of the Cloud Computing architecture. I also did a lot of product/project management prior to the acquisition.

- LAN/WAN architecture
- Cisco Routing/Switching
- Adtran Internetworking and Unified Communications
- Linux, Windows Administration
- VMWare, KVM, Xen
- Exchange, IIS
- Apache, mySQL/PostgreSQL, Tomcat, Sendmail, Spamassassin
- Asterisk, FreeSWITCH, OpenSER/OpenSIPS

*ColoradoSmart* | Littleton, CO
January 2001 - 2012
Until I built the 5280 Networks systems, ColoradoSmart was my finest achievement. I started the company after I was laid-off from my previous employer, Virtela Communications when the technology bubble burst. Thankfully, I had a pretty good severance package to get me started!

From VoIP PBX systems to servers and custom firewall and backup solutions, I did it all. I was --and still am-- the "go-to" guy for technology. I'm the consultant to many consultants across Colorado. Everyone asks me what the next great solution to their problem is. At trade shows, I tend to gather a group of people wanting to see the newest thing to make life easier, whether it's my own creation or not. To this day I'm brought in to consult on tough projects anywhere from two person SOHO businesses all the way to state and nationwide ISPs.

I think the biggest thing I learned from my consulting career was team participation and getting along with other people who may have divergent agendas. There were many times I won contracts simply because I was the one who would play nice with other vendors and even internal IT people. I sought out clients who had cooperative environments.

I spent a lot of time creating websites for clients, helping develop marketing materials for products I helped create and even helped "hit the bricks" to get the product information out there.

I picked up and honed so many skills during my consulting that I couldn't possibly list them all. In addition to the technical skills listed above, I learned several scripting and coding languages as well as SQL, Adobe Illustrator and Photoshop, GIMP, Scribus and many office applications, such as Microsoft Office and OpenOffice/LibreOffice.

*Virtela Communications* | Greenwood Village, CO
January 2000 - November 2000

I was the "Linux Nerd" here. I was practically fresh out of high school at this point and had only my Linux experience and the experience of my previous job. Being the junior guy, I spent a lot of time trying to show off my understanding of LAN architecture and how quickly I could pick things up. I was certified with NetScreen, Springtide and Juniper Networks while working here and learned a whole lot about IPSEC and other VPN technologies as they were first becoming viable.

*Teletech Customer Care Management Inc* | Thornton, CO
June 1997 - January 2000

What can I say? First Job. I started for Teletech when I was 17 during my summer break. I stuck around and learned a lot about customer service and quality assurance. I worked my way up to a position in the technical command center, but went back to the phones because I liked the social interaction.

## What I do for fun

I'm an outgoing, fun loving guy. I love to work hard and play hard. I'm into all sorts of outdoor activities, such as fishing, camping, hiking and playing or watching certain sports. I enjoy social events with my fiancee and tend to be the center of entertainment. I volunteer most years at a local haunted house. I am also into volunteering for environmental causes, such as e-cycling and hazardous waste roundups. I love social outreach and I'm also an active political volunteer. I don't care which way you vote or whether I agree with you or not, just get out there and vote. It's your civic duty and responsibility to make your voice heard.

## Where I want to be in X years

You mean aside from Evil Overload of the Universe?

Joking. But really, I want a challenge. I want something that's not boring. I want something that's going to last. I want something that's fun and I want to do it with people I enjoy. I don't really care what I'm doing, as long as I'm making a difference. I'm still on the fence about doing something that involves management, but I'm open to the right circumstances. I want to work somewhere that's fast paced and dynamic.

## What I'm really great at

I'm really great at facilitating communication. I'm really good at getting cooperation. I'm the guy that's like, "Hey, c'mere. Take a look at this and tell me whatcha think. Think you could do it? Got improvements?"

I'm really great at thinking of a way from the spot I'm at to the spot I want to be and figuring out a plan to get there and then implementing that plan. I'm really good at picking out the block that's causing trouble and figuring out how to handle it.

I'm really great at talking to people about projects and where they're going, how they're doing, getting feedback and implementing changes to projects based on that feedback.

## What I do well

I'm often times referred to by associates as the "one man think-tank." I've consulted on thousands of projects from small cloud infrastructure solutions to nationwide networks. I have extensive understanding of a myriad of routing protocols, such as BGP and OSPF. I have extensive knowledge of WAN architecture and technologies, including MPLS, VPN, VPLS and nearly all last mile (local loop) technologies and the interconnection capabilities of most LECs across the country.

I excel at design and architecture solutions. I can take an empty facility and design everything --solo or with a team/vendor(s)-- to create a working datacenter or telecommunications facility.

## Also included in the box

Included with the purchase of me you get bonafide relationships with major hardware vendors, manufacturers, design firms, as well as local and nationwide technical firms capable of data-center builds, lineman's associations and more.