

Magnus Ullberg

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Personal purpose statement: To empower others to be able to affect positive change.

Education

Associates Degree, Computer Science

DAYMAR COLLEGE, OWENSBORO, KY

2002 - 2004

USA

Computer Science Degree including NT4 certifications.

Professional Experience

Group Technology Manager

TRUIST

6/2021 - Present

Wilson, NC

- After working as the Product Owner for the team that were working on deploying OpenShift as the internal cloud platform at the bank I was offered the opportunity to take over as the manager for that team. I embraced the opportunity to lead the team in addition to the Product Owner tasks. As the manager for the team I am able to help my teammates be able to work on what they want to work on and support them where they need help.
- I was able to hire new talent and bring them on to the team and they have been a big asset to the company. It feels really good to watch them grow and build their careers at the bank.
- The product we are building, internal cloud using OpenShift, is also a really interesting space. We get to build a product that will help our internal customer deploy their applications in a new and better way, increasing their speed to market. My goal is to help my customers by streamlining the way they do things and remove hurdles around other IT infrastructure.

Cloud Architect Enterprise Software VMware Agile Project Management Enterprise Architecture DevSecOps Leadership
Product Evangelism Virtualization Infrastructure as code (IaC) Data Center Team Management Cloud Computing

Senior Product Manager

TRUIST

1/2021 - 6/2021

Wilson, NC

- After working as a product owner for the OpenStack team, I wanted to grow my career and I was given the opportunity to work as a Product Owner for the Containers As a Service team that was at that point working on deploying Docker Enterprise using Terraform and Ansible.
- This was the opportunity to guide a team from the beginning of a project which was exciting to me. I started out by doing a Lean Inception exercise which helps you build a roadmap, identify stake holders and start to build a backlog of features for your application. The most important thing I think the Lean Inception process does is to make sure that everybody involved are on the same page, that everybody knows where we are going.
- I worked along side the manager of the team to help guide the development of the product.
- We pivoted to deploying RedHat OpenStack instead of Docker Enterprise and after another Lean Inception we built a roadmap and started working towards that goal.

Enterprise Software Team Coordination Agile Project Management Enterprise Architecture Storage Networking OpenShift
Infrastructure as code (IaC) Data Center Cloud Computing

Product Owner

TRUIST

1/2020 - 1/2021

Wilson, NC

- I wanted to grow my career and I asked to become the Product Owner for the OpenStack project. This gave me the opportunity to guide the direction that we were taking the product rather than build the actual product.
- I built a roadmap, created features and wrote stories that we would then refine together as a team. Together with our scrum master I lead the various Agile ceremonies needed to run an Agile team.
- I enjoyed being able to set a direction and help the team reach the goal we had set out for ourselves. Watching your vision come to life is very satisfying.

Disaster Recovery Enterprise Software VMware Agile Methodologies VMware ESX Ansible Pipelines Enterprise Architecture Storage
Networking Virtualization Infrastructure as a Service (IaaS) vRealize Automation OpenStack GitHub Terraform
Infrastructure as code (IaC) Servers Data Center Cloud Computing

Infrastructure Automation Engineer

TRUIST

2/2018 - 1/2020

Wilson, NC

- When I was on the VMware Engineering team, my focus was always around automation and orchestration, so when the bank decided to build a Infrastructure as a Service platform, we built a team around the work I had done in my previous position.
- We started out adding more functionality to the VMware vRealize Automation platform that I had built, automating any of the pieces that we had control over cutting the deployment time of virtual servers by quite a bit.
- After working on that for a while we made the decision to deploy a full Infrastructure as a Service platform and we picked OpenStack. OpenStack would give us the ability to provide automated infrastructure, including networks and firewalls to our customers, allowing them to quickly prototype their applications. The OpenStack platform was made available across the test, production and dr environments, allowing our customers to deploy everywhere.

- I did a lot of work on the initial deployment and built a lot of examples showing our customers how they can use Terraform, Ansible and GitHub pipelines to build and deploy their applications. This fits right in with my passion for automating and orchestrating tasks as well as helping people be able to do their jobs easier and quicker.

Disaster Recovery Enterprise Software VMware VMware Infrastructure VMware ESX Ansible Pipelines Enterprise Architecture Storage
Networking Virtualization Infrastructure as a Service (IaaS) vRealize Automation OpenStack Terraform Infrastructure as code (IaC)
Servers Data Center

Infrastructure Automation Engineer

2/2016 - 2/2018

TRUIST

Wilson, NC

- While working on the VMware Engineering team, I focused my time on writing scripts and automation that would simplify the day-to-day tasks for the team.
- I built a set of PowerShell scripts that would perform tasks that previously had to be done manually through the UI, saving a lot of time and increasing the reliability of the work.
- In order to quickly be able to view what we had in our ever growing environment, I built a set of reports that utilized PowerShell to collect information about the environment and store them in a central location that we could then use to quickly find details about the environment. This included things that we needed to know but were not visible through the normal vCenter UI.
- After a while it became apparent that the best place to automate was around the creation of virtual machines and I built a set of scripts to do that. In order to take that to the next level I built a Grails web-based application that allowed our customers to submit requests and then the VMware team could go in and approve them and the VM would automatically be deployed.
- At this point I had built a lot of workflows in vRealize Orchestrator and the next logical step was to take this simple web-based application I had built and port it to vRealize Automation.
- I built a system in vRealize Automation that automated as many parts of the Virtual Machine deployment that I could and also integrated with ServiceNow in order to put a front-end on it.

Disaster Recovery Enterprise Software VMware VMware Infrastructure Powershell vRealize Orchestrator VMware ESX Storage
Orchestration Networking Virtualization vRealize Automation Automation Servers Data Center

Information Technology Solutions Architect

1/2006 - 2/2016

TRUIST

Wilson, NC

- When the bank made the decision that the VMware technology should be used across the enterprise, I was part of creating the new VMware Engineering team.
- I helped develop the configuration and the standards for how VMware was to be deployed at the bank and we rolled out a VMware platform across the datacenters.
- When we received a set of Cisco UCS blades that they were about to release, I was the one that designed the service profile templates and defined how we would deploy ESX on the new hardware. When I saw the way they implemented service profile templates it was immediately apparent to me what a benefit this would be to us.
- When the company started utilizing remote engineers in other parts of the world, I designed and built our first virtual desktop environment, enabling the remote users to do their work while keeping our company data safe.
- When the company decided to move our datacenter across town to a new location, I recommended and implemented a tool called PlateSpin. This tool allowed us to make copies of all the physical servers we were going to move and create virtual servers in case something went wrong during the physical move. In the end we ended up using that to rescue a handful of servers that did not survive the physical move.
- After the company saw the possibility of converting physical servers to virtual servers, I lead the work converting a large number of physical servers in order to save money.

VMware Server Virtualisation UCS Desktop Virtualization

Senior Test Engineer

6/2005 - 1/2006

TRUIST

Wilson, NC

- I started at the bank working in the test lab, doing integration testing of application packages that were going to be distributed across the bank.
- I quickly moved in to automating the tasks we did as automation is a passion of mine. Automating the work led me to start using virtual machines instead of loading the corporate build on physical machines which saved the team a lot of time.

Enterprise Software VMware VMware Infrastructure VMware ESX Virtualization Automation End-to-end Testing

Vice President

6/2002 - 6/2005

AREA CONSULTING GROUP

Owensboro, KY

- Co-founded a software development and consulting company.
- Developed custom software solutions for local business needs.
- Integrated and expanded existing software packages to create complete solutions.
- Implemented networks for businesses from the planning stage through installation and maintenance.
- Deployed Microsoft technologies (Active Directory, file sharing, network services) to help local businesses fully utilize their computer investment.

Networking Servers

Network Coordinator

1/1999 - 6/2002

AREA BANCSHARES CORPORATION

Owensboro, KY

- Maintained 100+ servers and 1,000+ desktops.
- Maintained Microsoft Exchange Server 5.5.
- Managed Microsoft NT4 Domains.
- Gained excellent experience in system management and various types of hardware and software.

- Managed desktop standardization and software deployment.
- Evaluated and recommended hardware, software and network topology.
- Used software development skills to automate anti-virus update distribution.
- Wrote software which boosted productivity by several hours per day by allowing selective reprinting of statements.
- Responsible for monitoring the status of the nightly server backups.
- Developed a custom web based system to reduce the amount of work necessary to check backups.
- Developed custom scripts to monitor the status of network interfaces between routers and ATM machines; configured Nagios software to email and/or page the responsible person to reduce the length of the outage.
- Customized existing software (WinVNC) to the needs of Area Bank and proposed deployment; once deployed, we were able to remotely control any workstation within the company which reduced the number of out-of-town trips necessary.
- Utilized low-level network monitoring and packet traces to diagnose and troubleshoot network problems.
- Developed redundant web proxy design and implemented it using RedHat Linux and Squid with NDS authentication.
- On call and ready to respond when a situation arose after hours and on weekends.

Networking Servers

Skills

Languages English | Swedish

Technology OpenShift | Infrastructure as Code | VMware Virtualization | Automation | Orchestration | Pipelines
| Terraform | Ansible | OpenStack | Powershell | RedHat Linux | Networking | Storage

Leadership Leadership | Agile Methodologies | Scrum | Product Owner | Product Evangelism | Team
Management

Personal Interests 3d printing | Aikido | Arnis | Hobby Farming