

Adam Barker

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IT Professional specializing in IT Operations and multi-platform technical support. Experienced in troubleshooting complex issues, improving system reliability, and delivering high-quality customer service.

Proficient in GIS workflows, including data analysis and map creation to support informed, data-driven decisions.

PROFESSIONAL EXPERIENCE

Eurowind Energy US Development, San Diego, CA

GIS Analyst and IT Specialist – July 2024 – September 2025

As a GIS Analyst, my main responsibility was to create and maintain maps using ESRI ArcGIS Enterprise applications. This included:

- Use ESRI ArcGIS Pro to create maps using basemaps and other layers from the Living Atlas
- Responsible for creating parcel maps using ArcGIS Pro using Data from multiple sources
- Converted Maps to Web Maps and Web Applications to share with external partners
- Administered ESRI Organization to Assign Licenses, Invite Members, and Managed Share Permissions • Performed Troubleshooting on ArcGIS Enterprise to ensure ArcGIS Online performance from a remote office
- Attended ESRI Training classes as well as the ESRI User Conference.

In addition to my GIS Analyst Role, I was also the only IT Specialist in the US Office. These responsibilities included:

- Provide support and maintain the US Office Infrastructure
- Providing On Site and Remote End User Support and Training to all US Employees
- Created, Updated, and Managed end user tickets with Atlassian Jira Service Management
- Created How To and Troubleshooting documentation with Atlassian Confluence
- Deployed multiple applications to clustered Rancher Kubernetes servers
- Installed updates to multiple Fortinet Firewalls, Switches, and Access Points in remote offices across Europe
- Attended Training on a new Enterprise Content Management system to provide support for transitioning to the new system

TuSimple, Inc, San Diego, CA

Systems Administrator – August 2021 – February 2024

Lead IT Specialist – July 2019 – July 2021

IT Specialist – April 2019 – July 2019

As a Systems Administrator, my main responsibility was to support and maintain the corporate IT Infrastructure. This included:

- Designing and deploying the new VMware vSphere environment and migrating VMs to the new infrastructure.
- Providing Project Management for IT projects such as relocating servers from the office to a data center and migrating VMs to the new VMware vSphere environment and the migration from desktops to AWS EC2 instances
- Provisioning and managing AWS EC2 instances using AWS CLI, Terraform, and github • Training junior members on the team

Prior to my promotion to Systems Administrator, I was the Lead IT Specialist. I was responsible for overseeing a team of IT Specialists in multiple office locations. We were responsible for onboarding and providing level 1 and 2 support to our internal employees.

While I was the Lead IT Specialist at TuSimple:

- I was responsible for hiring and training additional team members as well as being a mentor to the IT team intern during the summer of 2019 and 2020.
- I created our IT ticketing system.
- I created our New Hire Onboarding Process. Prior to my arrival IT and HR did not have a process in place.
- I managed the project to deploy an IT Asset management system.
- I sold management into the idea of moving to MacOS and away from Linux laptops due to many reasons including security and ease of deployment.
- I deployed JAMF to manage our new MacOS fleet

Prior to my promotion to Lead IT Specialist, I started my career at TuSimple as an IT Specialist. I was responsible for providing level 1 and 2 support to our internal employees as well as onboarding over 60 interns in a 2 week period.

Enviance, Inc, Carlsbad, CA

IT Manager – 2016 to 2019

Systems Administrator – 2008 to 2016

Desktop Support Technician – 2007 to 2008

As the IT Manager, my main responsibility was to support and maintain a 24/7 stated uptime in a SaaS IIS hosted environment. I was responsible for all Servers, Networking, and Storage equipment in multiple environments, including production, staging, QA, and three corporate environments in cities on both coasts.

- Managed the IT Support staff, including hiring and training the team.
- Maintained and performed required changes to all IT Infrastructure including Firewalls, Switches, Load Balancers, Windows Server, VMWare ESXI, Pure and EMC SAN, Active Directory Changes, and I was the Office365 Administrator. I was responsible for all Production and Corporate Backups and DR testing.

Prior to my promotion to IT Manger, I was the Systems Administrator. I was responsible for all Windows Servers in multiple environments as well as providing End User support.

- Migrated backups from Backup Exec to Commvault. Configured new backup jobs when the business need arrived.
- I was the Office365, Exchange Online, and SharePoint Online Administrator. I migrated users from onprem exchange to O365. I also migrated users from an acquired company into our O365 tenant. I migrated SharePoint from on-prem to O365.
- Responsible for onboarding new employees. This included ensuring they have proper permissions as well as configuring and shipping laptops.
- Created and maintained all laptop images.

Prior to my promotion to Systems Administrator, I was the Desktop Support Technician responsible for supporting all Office and Remote End Users.

United Services Automobile Association, Phoenix, AZ

I/T Technical Support Specialist – 2004 to 2007

Affinity Development Group, San Diego, CA

PC Technician – 2002 to 2004

United States Marines Corps, San Diego, CA

Aviation Radio Repairer – 1997 to 2002