

# David Leadley (aka dAlvd)

## MLOps Engineer | Automation Specialist | IT Specialist

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### Professional Summary

IT professional with 10+ years of experience in systems administration, enterprise support, and infrastructure management. Known for managing large-scale IT operations, domain migrations, and full-cycle onboarding across global offices. Currently advancing into MLOps engineering with Python automation and front-end development, training specifically designed to bridge technology with business outcomes through automated workflows and user-facing tools.

### Experience

#### Freelancer — IT Support & Development Services (2016 – Present)

- Delivered IT support for residential, small business, and commercial clients.
- Performed break/fix services and custom computer builds tailored to client needs.
- Installed and configured low-voltage cable, high-speed routers, wireless internet, CATV, and phone systems.
- Provided infrastructure support including networking, system setup, and troubleshooting.

#### Cyient — Systems Administration & End User Support (2012 – 2016)

- Worked for Cyient, a global Indian-owned engineering company with over 10,000 employees.
- Responsible for IT systems administration and end-user support across all U.S. offices.
- Assisted the Systems Administrator and supported all end users across multiple sites.
- Built, imaged, and deployed laptops/desktops for field and office employees.
- Provided on-site and remote help desk services, system builds, and deployments.
- Supported imaging, configuration, and troubleshooting of hardware/software.
- Supported VPN connectivity and remote access.
- Administered Active Directory, including user accounts, group policies, and access management.
- Delivered both remote and desk-side support for field users.
- Handled conference video and audio networking.
- Delivered IT support and automation services across multiple environments, including automation scripts for backups, deployments, and system management.
- Managed IT assets for all offices across the U.S., including inventory, deployment, and lifecycle tracking.
- Completed full user onboarding — from physical access (badge creation, door access) to imaging and deployment of systems, account provisioning, user access setup, and ongoing support.
- Built and maintained SharePoint sites to support team collaboration and document management.
- Built and supported a Department of Defense (DoD) environment, ensuring compliance, security, and reliability of classified systems.
- Led a complete domain migration project, ensuring minimal downtime, user continuity, and secure transition across systems.
- Administered enterprise systems including phone systems, wireless networks, alarm/access control, credentialing, and servers.
- Wore many hats, providing versatile support across hardware, software, networking, and systems administration.

### **Advanced Technology Services — Field Service & Support (CAT Onsite) (2009 – 2012)**

- Provided IT field service for Caterpillar (CAT) onsite operations.
- Managed 80+ laptops: imaging, upgrades, and full system builds.
- Installed and upgraded enterprise software; performed lifecycle asset management.
- Performed data backups and supported network communications.
- Deployed Linux-based data capture stacks and configured Cisco wireless routers.
- Supported military-grade MANET wireless networking (Persistent Systems Mesh) for secure engineering communications.
- Delivered wireless connectivity and support for mobile engineering test environments.

## **Education & Professional Development**

- Associate of Applied Science (AAS) in Computer & Information Science — Midstate College, Peoria, IL
- Related Coursework — Illinois Central College, East Peoria, IL
- AI Agent Developer Specialization Certificate — Vanderbilt University (Coursera), 2025
- Crash Course on Python — Google (Coursera), 2024
- Recent years dedicated to professional retraining in MLOps, Python automation, and front-end development, preparing to bridge IT systems with business decision-making through automation and AI-driven workflows.

## **Technical Certifications**

- CIW Web Design Specialist
- CIW JavaScript Specialist
- CIW Database Design Specialist
- CompTIA Security+
- CompTIA Network+
- CompTIA A+
- CompTIA Project+

## **Skills**

- MLOps & Automation: Python scripting, MLflow, Prefect, FastAPI, DVC, workflow automation, deployment automation
- Systems & Administration: Active Directory, Domain Migrations, IT Asset Management, VPN/Remote Access, Enterprise Systems (phones, servers, wireless, access control)
- Support: Help Desk, Technical Support, Software Troubleshooting, End-to-End Onboarding
- Development: Python automation, Front-end (HTML5, CSS, JavaScript), Streamlit dashboards
- Networking: Cisco Router Configuration, Wireless Networks, MANET (Persistent Systems Mesh), Linux Systems