

David Martin

Systems Architect

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PROFESSIONAL SUMMARY

Building across pharma, industrial automation, and public sector environments. My expertise shows in a methodical, thorough approach that transforms complex challenges into sustainable solutions.

CORE SKILLS

Infrastructure

Kubernetes, Proxmox, VMware ESXi, Docker, Podman, NFS, iSCSI

Networking

MikroTik, OPNsense, pfSense, Cisco, Huawei, Aruba, Juniper, Barracuda

Operating Systems

Fedora, Debian, Ubuntu Server, RHEL, Windows Server 2003-2022

Identity & Services

FreeIPA, Active Directory, PostgreSQL, MySQL, NGINX, Apache, Traefik, Grafana

Scripting & Code

Python, Bash, PowerShell, HTML/CSS, YAML/JSON, Kubernetes manifests

Creative Tools

Blender, Unity, Godot Engine, Adobe Photoshop, Illustrator, Microsoft Visio

PROFESSIONAL EXPERIENCE

ICT Administrator

Oct 2024 - Feb 2026

OptiSwiss AG, Basel (Swiss premium lens manufacturer, ~250 employees)

- Two-person ops team with full ownership of IT infrastructure for 250-person manufacturing company
- Server infrastructure management (VMware ESXi environment)
- Network administration across hybrid vendor stack (Huawei, Cisco, Aruba)
- Production environment support for manufacturing-critical systems
- 24/7 on-call rotation: 1 week every 4 weeks, 15-minute SLA

Technologies: VMware ESXi, Huawei, Cisco, Aruba, Windows Server

IT Support Specialist, 1st & 2nd Level

Oct 2022 - Oct 2023

ZID Basel - Central IT Services, Canton Basel-Stadt (via Hays)

- Central IT contact for seven cantonal departments
- Ticket management, resolution, and escalation
- License administration for O365 services and Microsoft Teams
- Mobile device management (iPhone fleet via Microsoft Intune)
- Project contributor: canton-wide knowledge base

Technologies: Windows 10, Office 365, Microsoft Intune, iPhone MDM

System Engineer

Feb 2019 - Mar 2021

Endress+Hauser Flowtec AG, Reinach (via Hays) - Global leader in process measurement

- 2nd level support for industrial IT / shop floor systems
- Production line environments: networked and air-gapped solutions
- Remote support for 4 global production sites (Switzerland, France)
- Deployment of line peripherals: barcode scanners, measuring instruments, cameras, transport systems
- **Project Barracuda:** Deployed 293 Barracuda firewalls to every critical production system in Reinach and Cernay within one year

Technologies: Windows 10, RHEL Linux, Siemens IPC, Cisco, Juniper, Barracuda Firewalls, Zebra Handhelds**Junior Network Engineer**

May 2014 - Apr 2017

F. Hoffmann-La Roche AG, Kaiseraugst (via Experis) - Global pharma, 100,000+ employees

- Implementation and documentation of IP-based networks
- Migration support for external business partner connections
- Network planning per Roche Network Assessment Catalog (global standard)
- Documentation review and handover to global NOC

Technologies: Cisco Routing/Switching, Network Documentation, Microsoft Visio**Freelance Contractor**

Jan 2013 - Apr 2014

Multiple Clients: Helios MSR AG, Cam04Jets AG, Voellmin Landtechnik AG

- Helios MSR AG (150-200 users): 2nd level support, backup systems, RAID recovery
- Cam04Jets AG: Version-controlled file system deployment (Apache/SVN)
- Voellmin Landtechnik AG: Inventory management system, 1st/2nd level support

Junior IT Technician

Jun 2010 - Dec 2012

F. Hoffmann-La Roche AG, Kaiseraugst (via Swisslinx)

- Client workstation deployment and commissioning
- IT warehouse inventory management
- OS installation (Windows/Linux)
- 1st and 2nd level support for Windows 7 and Office

IT Service Technician

Feb 2009 - Nov 2009

Novartis, Basel (via Bechtle IT Services) - Global pharma, 100,000+ employees

- Hardware repair and warehouse operations
- 1st and 2nd level end-user support
- Component-level PC repair and process optimization

Founder & Owner

Jan 2002 - Jan 2009

Eachpath Secure Data Flow - Own IT services company, founded at age 17

- Web design projects: corporate websites on CMS platforms (Typo3)
- CRM and e-commerce integration
- Firewall deployment, network zone design (Netgate/Endian)
- 1st & 2nd level support for Windows and Linux

- General IT consulting and hardware repairs

EDUCATION & CERTIFICATIONS

2018 - Prince2 Foundation (Digicomp)

2015 - ITIL v3 (Roche internal)

2015 - Python Training (Roche internal)

2015 - Cienna Training (Roche internal)

2014 - Cisco CCNA (Roche internal)

2014 - Arista Training (Roche internal)

Formal: Secondary school (1998-2001), Vocational foundation year in Metal/Polymechanics (2001-2002). Chose entrepreneurship over vocational training - founded Eachpath at 17.

LANGUAGES

German: Native

English: Fluent spoken, proficient written

CURRENT PROJECT

The Nimmerverser - Personal R&D environment: production Kubernetes cluster, GPU compute farm, enterprise-grade networking lab, and experimental AI infrastructure. I'm looking for a role where I can architect, not just operate.

References and certificates available upon request