

Ken LaCroix

IT & Infrastructure · AI-Assisted Builder

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SUMMARY

IT and infrastructure professional and U.S. Navy veteran who leverages AI to build and ship. B.S. in Information Systems Technology, peer-reviewed security research, and a habit of learning in public. I build the thing, break it, and document what I learn.

EXPERIENCE

Information Technology Specialist (End User Support) · Department of Veterans Affairs 2023 – Present

- Built a PowerShell proof-of-concept that improved certificate-related workstation remediation and cut manual effort.
- Identify workflow inefficiencies and build automation to eliminate repetitive steps.
- Resolve multi-system, cross-department technical issues for several hundred clinical and administrative users in a healthcare environment.
- Manage the workstation hardware lifecycle — ~100 deployments plus onboarding, provisioning, and configuration.

I.T. Infrastructure Analyst · Your Health Idaho 2020 – 2023

- Designed and maintained enterprise infrastructure (VMware, Active Directory, Linux/Windows, networking).
- Built automation with Python and PowerShell, reducing manual work by 80%.
- Managed 50+ users — provisioning, hardware, and troubleshooting.
- Implemented patch management and network configuration.

Remote Engineer · IntegriNet Global Solutions 2017 – 2019

- Remote desktop support across 20+ locations.
- Monitored 20+ servers — file shares, backups, Hyper-V, SQL, and VPNs.
- Hardware imaging and Active Directory / Exchange management.

I.T. Support Lead · STEMbusUSA.org Summer 2016

- Network, computer, and peripheral installation and maintenance.
- Increased hardware and network efficiency by 90%.

Engineman (EN3), Third Class Petty Officer · United States Navy 2009 – 2013

- Led a division of 15 people.
- Maintained auxiliary engineering systems.
- Deployed in support of Operation Enduring Freedom.

SELECTED PROJECTS

- MoodHaven Journal — cross-platform, end-to-end-encrypted journal app (Rust, Tauri, Wear OS).
- Metasploit detection modules — auxiliary scanners submitted to the Metasploit Framework for recent CVEs (Ruby).
- Moon Lander Enhanced — browser game exploring AI-driven mechanics (TypeScript, PixiJS).

EDUCATION

Regent University — B.S. Information Systems Technology, minor in Information Security.
Major GPA 3.9 / 4.00. 2013 – 2017.

CompTIA A+ (CE) · CompTIA Network+ ·
CompTIA Security+ (CE)

RESEARCH

- Building a Penetration Testing Device for Black Box Using Modified Linux for Under \$50 (IJACSA).
- Wi-Fi Redux: Never Trust Untrusted Networks (IJACSA).

SKILLS

Linux · Rust · TypeScript · Python · PowerShell ·
Proxmox / LXC · VMware · Active Directory ·
End-to-end encryption · CVE analysis · CI/CD ·
Git & GitHub