

# Aaron Landis

## IT Consultant

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## Professional Accomplishments

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- **Full Stack Development:** 5+ years of professional experience. Adept at building complex, responsive, web applications with front-end and back-end technologies, including JavaScript, Next.js, React.js, HTML, CSS, Tailwind, Responsive Design, Python, Node.js, PHP, Java, Rust, Redis, MySQL, PostgreSQL, Linux, Docker, Git, and GitLab CI/CD.
- **Network Engineering:** Advanced knowledge of Switching, Routing, Firewalls, TCP/IP, VPN, OS Virtualization, Application Containerization, Proxy Servers, HTTP, REST API, GraphQL API, DNS, and SSL.
- **Systems Administration:** Demonstrated ability to provide comprehensive development, maintenance, and support services including systems configuration, monitoring, and data management.

## Relevant Experience

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### Southern Exposure Seed Exchange

Mineral, Virginia

Full Stack Developer

01/01/2022 – 08/01/2023

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- Crafted Shopify web store user experience updates with Liquid, HTML, and JavaScript, increasing order fulfillment accuracy for 1000+ customers.
  - Developed and deployed custom order fulfillment admin panel with WordPress, PHP, MySQL, Mithril.js, and the Shopify GraphQL API, automating administrative tasks and significantly decreasing order fulfillment time.
  - Performed statistical analysis of inventory data with Python and Pandas providing key economic insights for business development.
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### Twin Oaks Community

Louisa, Virginia

Information Technology Manager

01/01/2021 – 08/01/2023

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- Maintained uptime and security for LAN networks connecting 12 buildings, serving 80+ people, and 4 businesses, ensuring consistent access to vital internet services.
- Installed, configured, and maintained core physical, virtual, routing, data, and application infrastructure using fiber optic lines, Ethernet switching, mainframe servers, Proxmox hypervisor, pfSense network firewall, and several Linux virtual machines running network attached storage, database, and web application software.
- Orchestrated cloud service migration project, consolidating, clarifying, and archiving hundreds of gigabytes of organizational data, sustaining continuous uptime for users, and saving over \$3000/year in cloud data expenses.
- Developed and deployed custom web applications built with Mithril.js, Python, and Flask that provide crucial information services to 80+ people.
- Provided comprehensive IT consultation services to over 80 people and 4 businesses.

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### Southern Exposure Seed Exchange

Arlington, Virginia

DevOps Engineer

10/01/2017 - 08/01/2018

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- Installed, configured, and maintained core physical, virtual, routing, data, and application infrastructure using managed switches, mainframe servers, VMWare ESXi, pfSense, OpenVPN, IPSec, and several Windows and Linux virtual machines running network attached storage, database, and web application software.
- Developed Python system for programmatically provisioning Cisco IOS routers in parallel, saving hundreds of hours of manual configuration.
- Co-instructed two-month “Introduction to Cybersecurity” course, providing essential one on one support to students with Linux, Bash, Python, HTML, JavaScript, TCP/IP, HTTP, SSH, and Metasploit.

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## Projects

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remoterocketship-crawler - <https://gitlab.com/tek.cat/remoterocketship-crawler>

3/30/25

- High-performance, asynchronous web crawler for extracting job listings from RemoteRocketship.com.
- Utilizes Crawl4AI for asynchronous crawling, OpenAI for LLM processing, and Instructor for structured data output.
- Empowers users to perform data analysis across thousands of listings.

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tek.cat - <https://gitlab.com/tek.cat/tek.cat>

3/22/25

- Personal website showcasing professional portfolio.
- Built with Keystone.js, Next.js, and GitLab Pages.