

# NIKITA EKERN

## Linux System Administrator

Titusville, FL • Open to relocation

(321) 324-6826 • [ekernik@pm.me](mailto:ekernik@pm.me) • LinkedIn: [linkedin.com/in/ekernik](https://www.linkedin.com/in/ekernik) • GitHub: [github.com/Ekernik](https://github.com/Ekernik)

---

### SUMMARY

RHCSA-certified Linux System Administrator transitioning from 5 years of full-stack development into infrastructure and operations. Hands-on with RHEL, automation (Ansible), web services (Nginx, SSL/TLS), containers (Docker/Podman), and monitoring (Prometheus/Grafana). Operated VPS environments for a medical center and built internal applications that streamlined workflows. Fluent in English and Russian. U.S. citizen.

---

### SKILLS

- Systems & Virtualization: Linux (RHEL 9, Ubuntu), Shell scripting, Proxmox VE
  - Automation & DevOps: Ansible, Docker, CI/CD (GitHub Actions)
  - Networking & Security: Nginx, SSL/TLS (Let's Encrypt/Certbot), DNS, firewall configuration, Fail2ban
  - Monitoring & Analytics: Prometheus, Grafana, Uptime Kuma, system dashboards (Homarr/Glance)
  - Web & Data: JavaScript/TypeScript, Python, React, Next.js, REST, GraphQL (Apollo), PostgreSQL, SQLite
  - Version Control: Git, GitHub
- 

### EXPERIENCE

**Full-Stack Web Developer & IT Systems Specialist** — Center of Cardiosurgery & Interventional Cardiology, N.I. Pirogov Clinic, St. Petersburg, Russia.  
Dec 2020 – Aug 2025

- Developed and maintained the clinic's public **website** using Next.JS/Prisma/PostgreSQL
- Created and maintained **internal web applications** (React, Node.js, SQLite database) to digitize paper-based processes and enabling 24/7 secure data access for 30+ staff members.
- **Administered Linux servers** on cloud VPS: set up Ubuntu server, configured Nginx as a reverse proxy with HTTPS (SSL via Certbot) for all web services, and implemented nightly backups and **Fail2ban** to enhance security.

- Containerized applications with **Docker** to ensure consistent environments across development, testing, and production. Streamlined deployment by using Git and GitHub Actions for CI/CD, cutting down update time by 30%.
  - Monitored server performance and uptime using custom scripts and integrated **monitoring tools** (e.g., Uptime Kuma), proactively addressing issues to achieve 99%+ uptime for critical internal applications.
  - Acted as the go-to IT problem-solver in the department, demonstrating strong communication and support skills.
- 

## EDUCATION & CERTIFICATIONS

- Red Hat Certified System Administrator (RHCSA) — Aug 2025
  - Red Hat Certified Engineer (RHCE) — In progress (exam scheduled Sep 2025)
  - CS50x: Introduction to Computer Science (HarvardX/edX) — Jun 2023
  - Associate Degree in Music (Instrumental Performance — Bassoon), N.A. Rimsky-Korsakov Music College, St. Petersburg, Russia — Jun 2017
- 

## PROJECTS (HOME LAB)

Proxmox VE home lab with multiple RHEL VMs and containers to simulate enterprise Linux environments and practice automation, monitoring, and networking.

### Reverse proxy & DNS:

Nginx Proxy Manager with Technitium DNS; SSL for services using Let's Encrypt.

### Monitoring:

Prometheus and Grafana dashboards;  
Uptime Kuma for service checks and alerts.

### Automation:

Ansible control node managing RHEL VMs;  
playbooks for users, packages, and service configuration (RHCE preparation).

### Storage & Media:

NFS server;  
Plex;  
Automated media management (containerized).