Mark Pyatak

Indianola, IA | (641)-931-6598
markpyatak03@gmail.com | mpyatak.net

PROFESSIONAL SUMMARY

Results-driven Systems Administrator and AI automation enthusiast with extensive experience in infrastructure management, network security, and self-hosted environments. Proven capability in managing full-stack IT operations and deploying sophisticated automation workflows for independent ventures and established firms.

PROFESSIONAL EXPERIENCE

Synergy Contracting LLC   *Des Moines, IA | June 2025 - Present*
Systems Administrator
- Oversee all IT infrastructure, including local servers, high-availability networking, and hardware lifecycle management.
- Administer Microsoft 365 (M365) and cloud services across the organization.
- Implement and manage Mobile Device Management (MDM) solutions for fleet and employee devices.
- Optimize network reliability and security protocols for construction-based operations.

Bitwrench Technology (LLC)   *August 2025 - Present*
Owner / Lead
- Founded and lead a technical consultancy focused on digital infrastructure and AI-driven automation.
- Build and deploy custom automation workflows using n8n and self-hosted AI solutions (OpenClaw).
- Manage business operations, client DNS records, and web hosting for external domains.

TECHNICAL SKILLS

Enterprise & Cloud: Microsoft 365, MDM, Cloud Services, Infrastructure Management
AI & Automation: n8n Workflow Automation, OpenClaw, Local AI Modeling, self-hosting LLMs
Systems: Fedora, Linux, Virtualization (QEMU/KVM), Docker, Docker Compose
Networking: UniFi, Tailscale, VPNs, Cellular Receivers, Network-wide Ad-blocking
Programming: Python, Bash, C++, Verilog, Java, JavaScript

KEY PROJECTS

AI Home Server Infrastructure (Mac Mini M4)
- Deployed a headless server running local AI models (OpenClaw) and managed via SSH.
- Integrated automated workflows for local data processing and file management.

Self-Hosted Cloud Services
- Implemented a private cloud solution using NextCloud on a Linux-based Mini-PC via Docker.
- Configured sub-domain routing via mpyatak.net for secure external access.

EDUCATION

Iowa State University   *Ames, IA*
Bachelor of Science in Computer Engineering (In Progress) | Cumulative GPA: 3.23

Indian Hills Community College   *2023*
Associate of Sciences; Associate of Arts and Science