



SYNOPSIS

Dynamic CTO & Open Source Developer with over three decades of hands-on experience driving IT strategy and digital transformation. Renowned for leading organizations to technical excellence by championing open source solutions, with expertise in researching, identifying, and integrating the right projects to fit complex business needs. Skilled in customizing open source software to eliminate vendor lock-in and reduce costs, while architecting large-scale infrastructure, deploying practical AI solutions, and building cross-functional teams across education, government, and private sectors.

CONTACT

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SOCIAL

- facebook.com/barry.smoke/
- linkedin.com/in/barrylsmoke

ONLINE PORTFOLIO

barrylsmoke.com

CERTIFICATIONS

HP AIS: #PL72100224
RHCE: #807101028203336
MCP: #2457956

EDUCATION

U of A, Fayetteville

(August 1993-June 1994)

Computer Science/No Degree

Benton High School, AR

Graduate, 1992

INTERESTS

- + self-professed gearhead
- + Live Sound Engineering
- + Studio Recording
- + Chief Architect/software
- + Futures Trading(NinjaTrader)

PROFESSIONAL EXPERIENCE

Quintergy

(Sep 2023 - Jun 2025) Solutions Architect/CTO/Lead Developer

- IT Solutions Provider – B2B SaaS, E-Commerce, and AI Infrastructure
- Drove technical strategy and led IT operations for Quintergy, overseeing all software development, IT infrastructure, and customer-facing solutions for a regional MSP and SaaS business.
- Spearheaded AI/automation initiatives: Built containerized deployments of Llama.cpp with advanced CPU optimizations, providing the foundation for a next-generation, AI-driven helpdesk and customer service framework adaptable to multiple internal and client-facing use cases.
- Architected and implemented a full-featured, public-facing Magento/ESET API integration, enabling customers to self-manage security subscriptions and licenses through a seamless e-commerce experience.
- Led the company's digital transformation project: Designed and containerized a fully hostable OroCommerce platform, integrating key open-source plugins and automating deployments to replace proprietary and SaaS tools (Odoo, Zoho), substantially reducing recurring software costs and improving control over sales and operations workflows.
- Managed all IT staff, vendor relationships, and customer projects, ensuring continuity of mission-critical services, technical support, and enterprise account management.
- Maintained hands-on involvement in systems architecture, cloud/container orchestration, process automation, and complex integration projects.
- Quintergy has currently suspended operations.

Ouachita Ridge, LLC.

(2019 - 2022) Founder & CEO

- Saline County's First Small-Batch Distillery, Brewery, and Cidery – Benton, AR
- Planned the first multi-beverage craft distillery, brewery, and cidery in Saline County, leveraging Arkansas-grown ingredients and green production model.
 - Led all aspects of business planning, market research, financial modeling, site development, vendor partnerships, and regulatory compliance.
 - Pioneered a legal pathway for craft distilling in Arkansas by identifying ambiguity in the Arkansas Native Brandy law and directly collaborating with legislative representatives to draft and advance changes to state law and permitting, ultimately securing approval for broader small-batch craft spirits production.
 - Built strong relationships with local government, business leaders, and the craft beverage community to position Ouachita Ridge for rapid growth.
 - Developed taproom/tasting room concept, operational planning, digital presence, and brand strategy.
 - Despite strong groundwork and SBA application, the venture was ultimately unfunded.

SANpliance, LLC.

(2015 - 2019) CEO/CTO

- Founded and led development of a unified hyper-converged IT platform, integrating storage, virtualization, networking, and backup into scalable appliances for SMBs and MSPs.
- Negotiated OEM contracts, directed system architecture, and managed all phases of product launch—from concept and team leadership through early customer deployments.
- Built channel strategy targeting VARs/MSPs, secured reseller commitments, and developed all investor, financial, and go-to-market materials.
- Achieved successful pre-launch deployments; business closed after funding shortfall.

Quintergy

(2013 - 2015) Solutions Engineer

- Developed out SANpliance as a product
- Vendor Contracts & Account Management
- Multiple customer projects and deployments

Arkansas Division of Legislative Audit

(2004 - 2013) Network Administrator/Dev

- 3CX Voip Deployment
- Website & Internal Application Development with ExtJS Ajax
- 10G Core Network Deployment
- SAN/ Virtualization
- Hyperconverged(SANpliance Origin)
- Medicaid Database conversion for Auditing

Bryant Public Schools

(1998 - 2004) District Network Administrator

- Linux & Open Source App Deployments
- Management and Development of District Websites
- District-wide 3Com Network/VOIP Deployment
- Implementation of student technology repair program
- 3000 Endpoint managed network

Up-link.net

(Early 98-2025) Webmaster/Consulting

- NT4/IIS
- Datacenter & hyper-v deployment 2015
- XCPng migration/TrueNAS/Kubernetes 2025

ACTIVE IT TRAINING & RESEARCH PROJECTS

- use of compressed/quantized AI models with cpu optimizations containerized and used with kubernetes for scalable cpu based text applications and hybrid cpu/gpu usage scenarios
- feasibility of using whisper with cpu scalable kubernetes for realtime voip applications
- ceph storage in mini clusters for use in SMB
- use of Apache OpenStack with tighter integration with XCPng

PROFICIENCIES

PUBLIC CLOUD

- + Google Cloud Platform
- + Amazon (SES, S3, EC2, IAM)
- + Azure
- + VMWare Cloud

PRIVATE CLOUD

- + CloudStack
- + OpenNebula
- + OpenShift/OKD
- + Ceph
- + Kubernetes
- + TrueNAS

VIRTUALIZATION

- + XCPng/XO
- + Hyper-V
- + VMWare
- + KVM/Proxmox

VOIP

- + 3CX
- + Freeswitch
- + FusionPBX
- + Asterisk

AI & AUTOMATION

- + AI Solution Architecture
- + Workflow Orchestration
- + API Integration

OSS OF NOTE

- Magento | Wordpress
- OroCommerce | Odoo
- Gitlab | PeerTube | Mautic
- Netbird | Bitwarden
- OpenProject | Zammad
- Nextcloud | TrueNAS
- pfSense | Portainer

CONTINUED ED/CERT

- CJIS Online certified privileged
- Digital Forensics & e-Discovery
- Windows Forensics
- Securing & Auditing Windows Server
- Power IT Auditing
- Audit & Assessment of AD
- Practical Applications of Encryption