

ZACHARY H. ROBERTS

Software Engineer
Founder • AI Product Developer



Martinsburg, WV • 610-390-3507 • zachary.hans.roberts@gmail.com

EXECUTIVE SUMMARY

Software engineer, Army veteran, emergency management professional, and founder of Vera Arcana LLC with more than seven years of FEMA leadership experience. Designed and delivered AI-powered desktop and cloud applications from concept through public release while managing architecture, development, cloud infrastructure, documentation, licensing, deployment, branding, and customer support. Combines operational leadership, analytical decision-making, and modern software engineering to build secure, privacy-first decision-support systems.

CORE STRENGTHS

AI Engineering • Cloud Architecture • Desktop Applications • Leadership • Decision Support • Product Development • Privacy-first Design

VERA ARCANA LLC — Founder & Software Engineer (2026–Present)

- Founded Vera Arcana LLC to develop AI-powered software for education, developer productivity, and evidence-based decision support.
- Designed and launched Claim Clash from concept through public beta.
- Built Grok Link connecting local IDE workflows with browser AI assistants.
- Developed No Ducking Way for Android.
- Integrated OpenAI, Anthropic, Gemini, xAI, Groq, and OpenRouter.
- Architected Cloudflare Workers, D1, and KV cloud services.
- Implemented secure BYOK architecture and local credential storage.
- Published applications through the Microsoft Store.
- Built Stripe licensing and educator account workflows.
- Created branding, documentation, websites, release engineering, QA, and support.

FEMA — Emergency Management Specialist (GS-11) (2018–2025)

- Supported nationally significant disaster recovery operations.
- Coordinated communications between field teams and FEMA Headquarters.
- Developed standardized training materials and work instructions.
- Served as Automated Construction Estimator (ACE) subject matter expert.
- Mentored inspectors and improved inspection consistency.
- Managed technical inspections, compliance, logistics, and stakeholder coordination.
- Recognized by FEMA leadership, the State of Michigan, and the Puerto Rico Earthquake response.

ZACHARY H. ROBERTS

Software Engineer
Founder • AI Product Developer



Martinsburg, WV • 610-390-3507 • zachary.hans.roberts@gmail.com

LEADERSHIP & EARLIER EXPERIENCE

United States Army

Led approximately 30 Soldiers, maintained accountability for sensitive equipment, supported logistics for a 500-student training organization, and developed leadership and risk-management skills.

HQS Housing Inspector

Performed thousands of HUD inspections across Pennsylvania, Delaware, and Maryland while preparing compliance reports and advising property owners.

Residential Property Manager

Reduced operating costs by approximately 50% through improved vendor management and operational controls.

Electrical Apprentice

Installed and troubleshot residential, commercial, and industrial electrical systems.

Sales Specialist

Sold complex electronics solutions, trained employees, and managed inventory.

AI PRODUCTS

Claim Clash: Evidence-based AI discussion platform with educator licensing, multi-model orchestration, collaborative workflows, exports, and Microsoft Store distribution.

Grok Link: Rust/Tauri desktop bridge integrating local developer workflows with browser AI assistants.

No Ducking Way: Android productivity utility eliminating unwanted audio ducking.

EDUCATION, AWARDS & TECHNOLOGIES

Education: M.S. Information Security, M.S. Homeland Security, B.S. International Business.

Awards: FEMA Special Recognition • State of Michigan Recognition • Puerto Rico Earthquake Recognition • CORE II Certified.

Technologies: Rust, TypeScript, JavaScript, HTML/CSS, SQL, PowerShell, Tauri, Cloudflare Workers, D1, KV, Wrangler, Git, REST APIs, Microsoft Store, Stripe, OpenAI, Anthropic, Gemini, xAI, Groq, OpenRouter.