

# **Caleb Stammen, MSCIA**

Software Engineer | AI Lead | IT Manager

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Technical leader delivering AI-enabled systems in production environments. Owns AI, full-stack software, and infrastructure initiatives from use-case selection and system design through deployment and adoption. Trusted advisor to executive leadership, translating complex systems into durable workflows under real-world constraints of cost, compliance, reliability, and human behavior.

## **Skills**

### AI & Machine Learning

- LLM application design and production deployment
- Retrieval-augmented generation (RAG) systems
- AI workflow automation, governance, mentoring, and adoption strategy

### Software Engineering

- Full-stack web application development
- Backend systems (Python, C#, JavaScript)
- API design, integration, and secure architecture

### Cloud, Infrastructure & Security

- Cloud-native and hybrid infrastructure (Azure and AWS)
- Cybersecurity programs aligned with NIST frameworks
- Disaster recovery, backups, and business continuity

### Automation & Internal Systems

- Business process automation and internal tooling
- AI-powered intranet, LMS, and knowledge systems

### Leadership & Strategy

- Technical ownership from system design through production adoption
- Executive advisory, vendor evaluation, and cross-functional leadership

## **Professional Experience**

### **Software Developer / AI Lead**

#### **Garmann Miller | Nov 2024 – Present | Hybrid | Mid-sized architecture firm**

- Own AI and full-stack software initiatives end to end, from use-case selection and system design through production deployment and organizational adoption

- Advise executive leadership on AI strategy, technical feasibility, and organizational readiness, mentor key employees on effective AI usage and tooling
- Design, build, and operate AI-powered internal systems supporting architecture workflows, including an AEC-focused meeting minute platform
- Automate employee preboarding, onboarding components, internal communications, and project information workflows across departments
- Co-lead the design and deployment of an AI-powered intranet and LMS, coordinating cross-functional stakeholders and securing executive buy-in
- Act as a technical advisor to IT leadership, contributing to improved cybersecurity posture and risk management
- Design and operate AI infrastructure across cloud and on-prem experimentation, ultimately standardizing on cloud deployment
- Guide internal teams on effective AI usage with emphasis on workflow integration, reliability, and adoption

### **Technical Founder / Owner**

#### **Stammen Technology | Dec 2022 – Present | Hybrid | AI and development firm**

- Shipped multiple AI and software products for paying customers
- Built a B2B SaaS platform for the men's formalwear industry
- Developed multiple websites for small to mid-sized businesses.
- Pivoted from IT/Cybersecurity services to AI and software development in 2023.

#### **Pax Machine Works | Jun 2022 – Nov 2024 | Mid-sized manufacturing organization**

##### **IT Manager (Technology Administrator) | Jan 2024 – Nov 2024**

- Led networking, cybersecurity, server, cloud, and end-user systems for a production manufacturing environment, reporting directly to executive leadership
- Owned availability, security, and reliability of IT systems supporting manufacturing operations, engineering, and business functions
- Directed vendor selection, procurement, and automation initiatives to improve system reliability, security posture, and cost efficiency
- Designed and implemented a secure industrial network integrating presses, robots, and sorters into a hybrid IT/OT environment
- Developed and deployed a custom C# application automating operational workflows, saving 200+ labor hours annually
- Led NIST-aligned security initiatives that improved cyber insurability, reduced organizational risk, and strengthened incident readiness

- Owned disaster recovery planning and execution, including backup strategy design and tabletop exercises to validate response readiness

#### **Information Technology Intern (Full -time) | Jun 2022 – Dec 2023**

- Pitched and implemented an internal help-desk system, improving issue tracking and response workflows

#### **Education**

##### **M.S. Cybersecurity & Information Assurance | Western Governors University**

- Member of the WGU Cybersecurity Club
- Earned excellence awards in Secure Software Design, Security Operations, and Secure Network Design

##### **B.S. Information Technology | Western Governors University**

#### **Certifications**

- NVIDIA Certified Associate: Generative AI LLMs
- AWS Certified Cloud Practitioner
- CompTIA PenTest+, CySA+, Security+, Network+, A+
- ITIL v4 Foundation
- Linux Essentials (LPI Institution)