

Timothy Eaton

Full Stack Developer · DevSecOps

Full Stack Developer with nearly two decades of experience across PHP, Python, and JavaScript/TypeScript, now focused on DevSecOps and cloud security on AWS. Hands-on with IaC (Ansible, Terraform), CI/CD modernization, security scanning, and observability, alongside AI-era practices including LLM integration, MCP server development, RAG pipelines, and agentic AI workflows. Strong record of shipping accessible, performant systems and raising a team's engineering and security standards.

WORK HISTORY

Full Stack Developer 09/2025 to Current
Intravo (formerly Intracta) — Nyon, Switzerland (Remote)

- Eliminated SSH access across EC2 fleet in favor of AWS Systems Manager Session Manager, improving audit posture for SOC 2 readiness
- Implemented IaC using Ansible for configuration management and Terraform for net-new infrastructure provisioning
- Built GitHub Actions deployment pipelines replacing legacy AWS CodePipeline workflows
- Integrated Gitleaks pre-commit hooks and Semgrep security scanning into CI/CD pipelines
- Diagnosed and remediated WebSocket connection pool exhaustion causing database crashes; implemented RDS Proxy and Redis Pub/Sub push model
- Deployed Datadog across auto-scaling EC2 infrastructure including PHP log collection, Synthetic monitoring, and ElastiCache diagnostics

Full Stack Developer 06/2025 to 10/2025
Ranova — Geneva, Switzerland (Remote)

- Worked part-time for an AI startup programming in Python and TypeScript alongside LLM integration
- Troubleshoot live AWS infrastructure issues and managed databases with NeonDB and PostgreSQL

Full Stack Developer 05/2024 to Current
Self-employed — Nyon, Switzerland (Remote)

- Consulted businesses on website performance, SEO, and third-party API integrations
- Created and contributed to open source projects

Teacher 09/2023 to 09/2024
Sup de Vinci — Rennes, France

- Mentored classes of 8-30 students in professional English presentation skills for international business

Director of Software Development 10/2018 to 10/2022
InterNACHI — Colorado & Philadelphia, USA (Remote)

- Owned or co-developed technical initiatives that helped scale the platform from 2,000 to 30,000+ clients
- Managed a team of 3-6 developers across recruitment, professional development, and performance
- Architected and implemented education compliance systems for US and Canadian government requirements
- Developed automated reporting system for education credits processing across multiple jurisdictions

Senior Software Engineer 06/2014 to 10/2018
InterNACHI — Colorado & Philadelphia, USA (Remote)

- Created and maintained small business tools used by thousands of clients
- Hosted and maintained more than 300 WordPress sites, creating custom plugins to interact with APIs

CONTACT

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PERSONAL

Date of Birth: 05/23/83
Nationality: USA
Marital Status: Married
Work Permit: Permis B

WEBSITES

linkedin.com/in/tim-eaton-pluies
timeaton.dev
github.com/yakbrother

LANGUAGES

English
Bilingual / Proficient (C2)

French
Intermediate (B1)

Spanish
Elementary (A2)

Mandarin
Beginner (A1)

SKILLS

JavaScript / TypeScript
PHP / Python
REST & GraphQL APIs
Node.js
MySQL / PostgreSQL
AWS / EC2 / SSM / ECS
Ansible / Terraform
Docker
GitHub Actions / CI/CD
Redis / ElastiCache
Datadog / OpenTelemetry
Semgrep / Gitleaks
SOC 2 / Security Hardening
WCAG 2.1 Accessibility
Laravel / FastAPI / Astro.js
MCP Servers / LLM Integration

Software Engineer

10/2006 to 06/2014

InterNACHI — Colorado & Philadelphia, USA (Remote)

- Developed automated document signing application currently used by thousands of clients
- Integrated new technologies into existing systems, increasing capabilities and improving overall performance

TECHNICAL SKILLS

HTML5, CSS3, PHP, Python, Go, TypeScript, JavaScript, Laravel Framework, Astro.js and Jamstack, Python FastAPI, Vue.js, React.js, Node.js, AWS (EC2, SSM Session Manager, RDS, ECS, ElastiCache, CodePipeline), Ansible, Terraform, Docker, GitHub Actions, CI/CD pipelines, Redis / ElastiCache, Datadog, OpenTelemetry, Semgrep, Gitleaks, Linux Environments, MySQL design and optimization, PostgreSQL, NeonDB, GraphQL, Vector databases, LLM integration and training, MCP (Model Context Protocol) server development, RAG (Retrieval-Augmented Generation), prompt engineering, agentic AI workflows, AI agent orchestration, Claude API, OpenAI API, Hugging Face, WordPress Development, WordPress Multi-Site, Test-Driven Development, Frontend Optimization, UX development, Fluid design, Static websites, Git and GitHub, Accessible design (WCAG 2.1), Eco-friendly design, Microservices, Pixelmator Pro

PROFESSIONAL INTERESTS

- Technical literature and continuous learning
- Open source contribution and community involvement
- International software development practices
- Cross-cultural communication in technical environments
- AI-powered development workflows and tooling

EDUCATION

Partial Degree, Chemistry — 04/2017

Western New Mexico University — New Mexico, USA

- Completed 3.5 years of university-level coursework
- 4.0 GPA

CERTIFICATIONS

- Google AI Essentials
- Google Prompting Essentials
- Harnessing Open Source LLMs and ChatGPT with Minimal Code
- Model Context Protocol (MCP) Mastery — Fractal Analytics

DEVSECOPS HIGHLIGHTS

AWS SSM Session Manager
SOC 2 Readiness
IaC: Ansible + Terraform
Semgrep + Gitleaks in CI
RDS Proxy / Redis Pub/Sub
Datadog Observability
ECS Ephemeral Staging
BFG Secret Scrubbing
WCAG 2.1 Compliance
PR Pipeline Automation

AI & MODERN TOOLING

MCP Server Development
LLM Integration & Training
AI Agent Workflows
Semantic Code Search (RAG)
Claude / GPT API Usage
Vector Databases
GitHub Copilot / AI CI