

Jonathan R. Reed

Forward Deployed Engineering | AI Deployment | Customer-Facing Technical Builds

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Deployment-focused builder who turns unclear customer needs into AI workflows, prototypes, internal tools, and secure operating patterns. Strong fit for FDE, AI deployment, enablement, and applied engineering roles where teams need fast scoping, implementation, demos, documentation, and adoption support.

Experience

Hello.World Consulting | Founder & Forward-Deployed AI Engineer | Jul 2022 - Present

- Scope client problems, build AI systems, and deliver implementation plans across private RAG, local LLM stacks, automation, integrations, and security reviews.
- Deploy local and private-cloud model workflows with retrieval, access boundaries, API integration, and handoff docs, cutting inference costs by 20-45% in selected deployments.
- Translate ambiguous operational needs into pilots, demos, and workflows that teams can use after launch instead of one-off proof-of-concepts.
- Run adversarial testing and rollout reviews around prompt injection, data leakage, unsafe tool use, and model failure modes before production use.

Reed & Terry, L.L.P. | IT & Security Lead | Jun 2023 - Present

- Built and maintain law-firm systems across servers, networks, endpoints, cloud services, access controls, backups, web support, and daily troubleshooting.
- Implemented on-prem and cloud LLM/RAG workflows for internal retrieval and drafting with user validation, data-handling guardrails, and maintainable operating procedures.
- Rolled out MFA, least privilege, patching, endpoint standards, and restore-tested backups while balancing security, uptime, and attorney/staff adoption.

Podium Education | Team Lead, AI Programs | Dec 2025 - Present

- Teach and mentor 400+ students on AI tooling, prompt hygiene, data handling, and workflow adoption across live sessions, project support, and 1:1 coaching.
- Support AI integrations and operational improvements for the program team; reduced grading turnaround by 31% through clearer feedback and evaluation methods.

The Global Career Accelerator | Product Engineering & Prototyping Intern | Aug 2025 - Nov 2025

- Led rapid prototyping for L'Oreal, American Eagle, Intel, and charity: water, turning open-ended prompts into user flows, demos, and stakeholder-ready presentations.

Methodist Dallas Medical Center | EMT-B, Emergency Department Intern | Aug 2024 - Dec 2024

- Worked ER and ambulance shifts with direct patient care, documentation, handoffs, and calm execution under pressure.

Selected Projects

JR AutoRAG | Python, RAG | GitHub: github.com/JonathanRReed/JR-AutoRAG

- Local/private retrieval system pattern for document-grounded AI workflows with safer handoff and deployment boundaries.

RAGFuzz | AI testing | GitHub: github.com/JonathanRReed/RAGFuzz

- RAG testing project focused on probing retrieval behavior, prompt risk, and failure cases before deployment.

Prompt Info | Next.js, TypeScript | Live: prompt-info.helloworldfirm.com | GitHub: github.com/JonathanRReed/prompt-info

- Prompt planning workspace for token count, cost estimation, and payload inspection before model execution.

PoliBench | Astro, React, Bun, Convex | GitHub: github.com/JonathanRReed/Poli-bench

- Benchmark system for inspecting model policy posture, answer stability, parse quality, refusals, cost, and latency across original prompts.

Education

The University of Texas at Dallas, B.A. Sociology, Expected 2027 | EMT-B Certificate, UT Dallas/UEMR, Grade A | Wharton County Junior College, Core Curriculum, GPA 3.35

Selected Certifications & Recognition

IBM AI Engineering Professional Certificate; Snowflake Generative AI Professional Certificate; IBM Applied Software Engineering Fundamentals; Vanderbilt Agentic AI and AI Agents for Leaders; Vanderbilt Prompt Engineering.

Wharton AI Applications in Marketing and Finance; OpenAI x GCA AI Professional Skills; Google AI Professional Certificate; Top Ten - Wells Fargo x GCA.

Skills

Forward-deployed engineering; AI deployment; RAG; LangChain; prompt engineering; agent workflows; customer discovery; demos; Python; TypeScript; APIs; Convex; Snowflake Cortex; local/on-prem LLMs; documentation; risk review.