

# Jonathan R. Reed

## Software Engineering | Full-Stack Product Builds | AI Tooling & Workflow Systems

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Full-stack builder shipping TypeScript and Python applications across AI tooling, workflow systems, evaluation dashboards, and customer-facing web products.

Strong fit for software engineering roles that value product sense, debugging, secure delivery, and turning messy requirements into usable systems.

## Experience

### Hello.World Consulting | Founder & Full-Stack AI Engineer | Jul 2022 - Present

- Build and ship web tools, private AI systems, retrieval pipelines, automation workflows, and implementation plans for client teams.
- Develop local and private-cloud LLM applications in TypeScript and Python, integrating APIs, model layers, and retrieval workflows while cutting inference costs by 20-45% in selected deployments.
- Translate ambiguous client problems into scoped builds, documented system behavior, and shipping plans teams can execute and maintain after handoff.
- Balance product usability with practical security, access boundaries, observability, and deployment constraints.

### Reed & Terry, L.L.P. | IT & Systems Engineer | Jun 2023 - Present

- Build and maintain internal systems, web presence, cloud services, user support workflows, and secure AI tooling for a law-firm environment.
- Manage servers, networks, endpoints, access controls, backups, and troubleshooting across business systems while reducing avoidable access and endpoint risk by 25%.
- Implemented on-prem and cloud LLM/RAG workflows for internal retrieval and drafting support with validation steps and maintainable operating procedures.

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

- Led rapid prototyping and demo work for L'Oreal, American Eagle, Intel, and charity: water, translating loose requirements into usable flows and stakeholder-ready builds.
- Worked in short feedback cycles, using AI tools, product framing, and clear presentation to move from concept to clickable prototype under deadline.

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

- Teach practical AI tooling to 400+ students and improved grading turnaround by 31% through clearer feedback methods and evaluation structure.

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

- Handled patient care, documentation, and handoffs during repeated 12+ hour ER and ambulance shifts, building calm execution and reliable communication under pressure.

## Selected Projects

### PoliBench | Astro, React, Bun, Convex | GitHub: [github.com/JonathanRReed/Poli-bench](https://github.com/JonathanRReed/Poli-bench)

- Benchmark console with 9-axis question bank, API routes, persistent run storage, model scorecards, answer receipts, audits, and release gates.

### Prompt Info | Next.js, TypeScript | Live: [prompt-info.helloworldfirm.com](https://prompt-info.helloworldfirm.com) | GitHub: [github.com/JonathanRReed/prompt-info](https://github.com/JonathanRReed/prompt-info)

- LLM prompt analysis utility with token counting, cost estimation, payload comparison, and practical planning support before execution.

### AI-Stats | Astro, TypeScript, Supabase | Live: [aistats.jonathanreed.com](https://aistats.jonathanreed.com) | GitHub: [github.com/JonathanRReed/Ai-stats](https://github.com/JonathanRReed/Ai-stats)

- Public model comparison dashboard integrating provider, pricing, context-window, and benchmark signals into a clearer evaluation workflow.

### Semester Builder | Next.js, TypeScript | Live: [semesterbuild.jonathanreed.com](https://semesterbuild.jonathanreed.com) | GitHub: [github.com/JonathanRReed/Semester-calender-builder](https://github.com/JonathanRReed/Semester-calender-builder)

- Academic planning tool with import/export support, onboarding flow, conflict reduction, and a more usable semester-view workflow.

### AI Drag Racing | Next.js, TypeScript | Live: [ai-dragrace.jonathanreed.com](https://ai-dragrace.jonathanreed.com) | GitHub: [github.com/JonathanRReed/AI-DragRacing](https://github.com/JonathanRReed/AI-DragRacing)

- Interactive benchmark tool for comparing time-to-first-token, duration, and throughput across AI providers.

## 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 Applied Software Engineering Fundamentals; IBM AI Engineering Professional Certificate; OpenEDG Python Professional; Docker Foundations; GitHub Career Essentials.

Vanderbilt Prompt Engineering; Snowflake Generative AI; OpenAI x GCA AI Professional Skills; Top Ten - Wells Fargo x GCA.

## Skills

TypeScript; JavaScript; Python; React; Next.js; Astro; Bun; Convex; Supabase/SQL; APIs; RAG; LangChain; Docker; Git/GitHub; test automation; CI/CD; system design; debugging; product engineering.