



AI Engineer

# Calvin Berndt

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## Summary

AI engineer building production, event-driven AI platforms for call-quality evaluation, agentic software delivery, and employee coaching. Experienced with Python, Kafka, PostgreSQL, LLM adjudication, full-stack product development, and containerized infrastructure.

## Technical Skills

|                           |                                                                                                                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Languages                 | Python, TypeScript/JavaScript, SQL, C#, Java                                                                                                                                                     |
| AI / Machine Learning     | LLM evaluation and adjudication, prompt engineering, evidence grounding, multi-provider inference, speech transcription, RAG, NVIDIA Parakeet, Ollama, Gemini, vLLM, Pandas, NumPy, scikit-learn |
| Data / Streaming          | PostgreSQL, SQL Server, MariaDB, Kafka, Debezium CDC, Redis, pgvector, event-driven pipelines, data-quality validation                                                                           |
| Backend / Product         | FastAPI, Node.js, Fastify, REST APIs, microservices, Pydantic, APISIX, Next.js, React, Tailwind CSS, conversational interfaces, analytics dashboards, coaching workflows                         |
| Infrastructure / Delivery | Linux, Docker, Docker Compose, Proxmox, Ceph, Harbor, GitHub Actions, CI/CD, Bitwarden Secrets Manager, Google Cloud authentication                                                              |
| Testing / Observability   | pytest, Playwright, Ruff, regression testing, health checks, dead-letter queues, Uptime Kuma, Dozzle, structured logging, deployment rollback                                                    |
| Agentic Engineering       | Hermes Agent, Codex, agentic coding orchestration, multi-model routing, automated issue triage, isolated coding workspaces, human-in-the-loop approvals                                          |

## Experience

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| 2025-Present | <b>AI Engineer, AnSer: Answering Services, Green Bay, WI</b><br><i>Current role 2026-Present; promoted from AI Engineering Intern (2025-2026)</i> <ul style="list-style-type: none"><li>- Scaled QA coverage from approximately 3 manually reviewed calls per day to approximately 2,000 gradable calls per day, typically publishing complete grades within 60 seconds through Kafka/Debezium, PostgreSQL, GPU transcription, and containerized Python services.</li><li>- Built and hardened multi-provider AI evaluation and adjudication workflows, achieving approximately 0.95 F1 against human-reviewed results while preserving deterministic fallbacks, grounded evidence, and auditable grade lineage.</li><li>- Deployed AnSer's self-hosted Hermes agent platform on Proxmox to orchestrate coding tasks through automated issue triage, isolated workspaces, testing, code review, pull requests, human approval gates, and deployment follow-up.</li><li>- Integrated conversational analytics and coaching into the AnSer Agent Website, giving agents and supervisors role-aware access to QA metrics, transcript-grounded feedback, performance trends, goals, and coaching priorities.</li></ul> |
| 2024-2026    | <b>Data Engineer and Software Developer Intern, University of Wisconsin - Green Bay, Green Bay, WI</b> <ul style="list-style-type: none"><li>- Built an end-to-end ADA accessibility analytics platform: normalized Excel and Word data with Python, migrated it to PostgreSQL, and delivered a Next.js application with natural-language SQL and stakeholder visualizations.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2024-2025    | <b>Software Developer, UW-Green Bay / Brown County Collaboration, Green Bay, WI</b> <ul style="list-style-type: none"><li>- Customized Odoo ERP workflows with Python, OWL, and PostgreSQL, adding backend integrations and process automation for client operations.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Education

**University of Wisconsin - Green Bay**

[Summa Cum Laude](#)

**Bachelor of Science in Computer Science**

Emphasis in Software Engineering

**University of Wisconsin - Stevens Point**

[Cum Laude](#)

**Bachelor of Science in Biochemistry**