Aiden Muneath

Director of Applied AI · Enterprise AI for Pharma and Life Sciences

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SUMMARY

Applied AI leader at a 250-person healthcare marketing agency. Co-founded the AI group with the CTO and lead the build of AI products for pharma marketing teams, from prototype to production. Set up the security, testing, and human review that let AI tools work with sensitive client data. Still hands-on in the architecture and code, and the technical voice in client and new-business meetings.

EXPERIENCE

Director of AI Innovations

Apr 2026 – Present

Deerfield Group, healthcare and life sciences marketing · Remote

- Built a secure AI gateway so staff can use AI models on client data with zero data retention, role-based access, audit logs, and data classification, connected to Databricks and Snowflake
- Lead architecture for 3 AI products for pharma marketing teams, now being built toward production: one creates websites, emails, and banners that follow brand and MLR review rules; one runs print-production agents on a rules-based core; one drafts press releases checked against source facts
- Set up automated testing (Braintrust, Mastra Evals, Langfuse) so every AI release passes accuracy, safety, and regression checks plus human review before it goes live; track cost and speed of each workflow
- With the CTO, mapped bottlenecks across 9 departments into a build roadmap and formed the AI Council that sets acceptable-use, privacy, and risk rules; work with Product, Technology Services, and IT to move pilots into production
- Technical lead in new-business pitches and client meetings with IT, brand, and medical teams; evaluate AI vendors and give input on contracts
- Player-coach: write code and review other developers' work, coordinate a 10–15 person offshore partner team through their PM, interview engineers with the VP of Engineering and CTO, and train non-technical staff on AI tools

AI Developer Manager

Apr 2024 – Apr 2026

Deerfield Group · Remote

- Replaced an $80,000/year social-listening license by co-building an AI research tool with a PhD scientist (RAG and knowledge graph); client reports now run in-house
- Built a private AI assistant with the CTO and rolled it out to all 250 employees, keeping sensitive health data off public AI tools
- Co-built an internal image and video generation studio with the CTO and helped shape the agency's AI roadmap; reviewed developers' work
- Cut new-hire onboarding time 40% by building AI training courses with the communications EVP

Senior Web Developer

Apr 2022 – Apr 2024

Deerfield Group · Remote

- Raised pharma clients' digital engagement 35% by building React and API platforms (Veeva CLM, interactive visual aids, DAM, Salesforce / SFMC) within regulatory rules

Senior Multimedia Web Developer

Jun 2018 – Apr 2022

L3Harris Technologies · Rochester, NY

- Built secure e-learning for U.S. Army tactical radio training used by 10,000+ people a year, delivered on time and on budget

Web and Full-Stack Developer (early career)

2007 – 2018

Dixon Schwabl · GSW Worldwide · ReminderMedia · University of Rochester Medical Center · StormFrog

- 11 years building websites and digital platforms for healthcare and pharma clients, from scoping through launch and training

SKILLS

AI engineering: Agents and RAG (Mastra, Claude Agent SDK, Claude Code, CrewAI), MCP, MintMCP, OpenRouter, LightRAG, Gemini, Vertex AI, prototype to production

Testing and monitoring: Braintrust, Mastra Evals, Langfuse, agent tracing, cost and latency tracking, human-in-the-loop review

Engineering: TypeScript, Python, React, Node.js, FastAPI, Docker, GitLab CI/CD, AWS, Azure, Fly.io

Healthcare and compliance: HIPAA, GDPR, CCPA, MLR, PhRMA, zero data retention, role-based access, audit logging, Veeva CLM, Salesforce / SFMC, Databricks, Snowflake, AI vendor evaluation

EDUCATION

B.S. Computer Information Systems, SUNY Buffalo State University, Buffalo, NY (2007)