

Destiny Raburnel

AI Strategy & Enablement · Data & AI Engineer

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PROFESSIONAL SUMMARY

Data and AI Engineer who builds the systems behind enterprise AI and draws on that hands-on foundation to guide teams toward sound AI decisions. Designs and builds the pipelines, data marts, and AI-ready datasets that production AI depends on, grounded in the reality that with AI, data is everything. Has delivered production RAG, agentic, and multi-agent LLM systems, so guidance to senior leadership and cross-functional teams reflects what is genuinely feasible, what the data must look like, and where things break. Pairs that engineering depth with the ability to identify business use cases, shape AI solutions, and lead AI adoption across business and technical teams.

TECHNICAL SKILLS

AI Strategy & Enablement: AI Adoption Strategy, Business Use-Case Development, Executive & Team AI Education, AI Enablement, AI Solution Architecture, AI Integration Planning, Responsible AI Implementation, GitHub Copilot Adoption

Programming Languages: Python, SQL, Java, JavaScript, TypeScript, Node.js, SAP ABAP, Scala

Data Engineering & Databases: Databricks, Apache Spark, AWS S3, DB2, IBM Systems, QLIK Replicate, SQL Server, ETL/ELT Pipelines, Medallion Architecture, Star Schema & Dimensional Modeling, Data Marts, Data Validation

AI & Machine Learning: Large Language Models (LLMs), RAG Systems, Agentic AI, Multi-Agent Systems, LangChain, ChromaDB, Hugging Face Transformers, PyTorch, TensorFlow Lite, Model Fine-Tuning, Prompt Engineering, Prompt Caching, LLM-as-Judge Evaluation, NLP, Semantic Embeddings, Model Evaluation, Constraint-Based Reasoning

Backend, APIs & Software Development: REST APIs, API Design, FastAPI, Node.js, OpenAI API, Anthropic Claude API, Google Gemini API, ElevenLabs API, System Design, Software Architecture

Cloud, DevOps & Tools: Docker, Jenkins, Kubernetes, GitHub Actions, CI/CD Pipelines, Vercel, Railway, Supabase, Linux, WSL, Streamlit, n8n, Postman, Jira, Git, Palantir Foundry, Dynatrace

Data Science & Analytics: Pandas, NumPy, Scikit-learn, ROUGE Scoring, Feature Engineering, Statistical Analysis, Performance Metrics, Power BI

PROFESSIONAL EXPERIENCE

Primerica

June 2025 – Present

Data Engineer · AI Strategy & Enablement · Palantir Foundry SME

- Lead AI enablement and education sessions for senior leadership, executives, and cross-functional teams, teaching practical AI use cases and how to apply AI tools and platforms such as GitHub Copilot, and establishing adoption frameworks for responsible enterprise AI integration.
- Serve as the primary Palantir Foundry subject-matter expert and point of contact, owning the identification of enterprise business use cases for AI implementation, translating business needs into data and AI solutions, communicating business value to leadership, and supporting platform administration, access, and troubleshooting.
- Partner with business leaders and a vendor delivery team to scope, evaluate, and prioritize AI and data use cases in Palantir Foundry, helping govern how the ontology and enterprise data models are developed as data marts migrate into the platform.
- Design and build data marts and dimensional models using star schema principles to prepare and structure enterprise data for AI, analytics, and BI consumption, enabling downstream AI implementation and machine-learning-ready datasets.
- Develop and maintain scalable ETL/ELT pipelines in Databricks using Medallion Architecture (Bronze, Silver, Gold), including SQL and Spark transformations, business-rule logic, validation, and performance optimization across large enterprise datasets.
- Integrate enterprise data and observability pipelines using QLIK Replicate, Dynatrace RUM, APIs, webhooks, Amazon S3, and IBM systems.
- Create Power BI dashboards and reporting solutions on curated warehouse and data mart structures to support business insights and decision-making.
- Work with Jenkins, Kubernetes, GitHub Actions, and Postman to support CI/CD workflows, API testing, deployment automation, and enterprise platform operations.

Desivia LLC

2024 – Present

AI Engineer / AI Strategy Consultant

AI Data Trainer / Evaluator

- Reviewed, rated, and refined AI model outputs across conversational and task-based prompts to support model training and evaluation workflows.
- Applied software engineering and data domain knowledge to assess response quality, accuracy, and alignment with intended behavior.

AI Hospital Scheduling Optimization Agent

- Built an AI agent that generates and adjusts hospital staffing schedules using constraint-based reasoning and rule-driven optimization, modeling shift coverage, availability constraints, and student-to-physician assignments.
- Designed scalable algorithms to minimize conflicts, improve fairness, and reduce manual administrative overhead.

AI Matchmaking System

- Designed and deployed an AI-powered matchmaking system that analyzes structured participant preferences to generate compatible attendee matches for live events.
- Built a data ingestion pipeline (JotForm, Google Sheets) feeding OpenAI reasoning workflows in n8n, with automated export via Twilio and Canva.

Handshake AI

2025 – Present

AI Systems Consultant

- **Project Vox, AI Code Preference Ranking:** Evaluated and ranked AI-generated code responses across correctness, efficiency, readability, and instruction adherence to support LLM training and reinforcement learning workflows.
- **LLM Response Evaluation Framework:** Conducted structured side-by-side comparisons of model outputs, identifying behavioral inconsistencies, edge-case failures, and response quality gaps across programming and reasoning tasks.
- **Prompt Optimization & AI Alignment Testing:** Contributed to prompt refinement and conversational AI evaluation workflows focused on improving model reliability, response alignment, and technical accuracy.

Sephora (HQ)

June 2023 – August 2023

IT Finance Engineer Intern

- Developed SAP ABAP programs to generate vendor and customer line item reports supporting IT finance operations.
- Designed and modified SAP tables and built ABAP and SQL logic to extract, transform, and validate financial data, improving reporting accuracy and traceability.
- Automated data collection and reporting processes, eliminating manual Excel-based workflows and reducing operational overhead.

SELECTED AI SYSTEMS & STRATEGY PROJECTS

CognitiveLens — Biomedical RAG System for Dementia Research

- A biomedical research assistant that answers natural-language questions about dementia with citations grounded in real PubMed literature, giving researchers evidence-based, source-attributed answers instead of unverified AI output.
- Built an end-to-end RAG pipeline that runs semantic search over embedded PubMed abstracts and uses the Anthropic Claude API to generate cited answers linked back to original records. Built with LangChain, Sentence Transformers, ChromaDB, FastAPI, and Streamlit.

ScholarAgent — Agentic AI Study Scheduler

- An AI study planner that automatically builds and maintains a personalized study schedule from a student's course calendar, adapting in real time when they fall behind so the plan always stays realistic.
- Built a three-agent pipeline (filtering, workload estimation, scheduling) that ingests calendar feeds and rebuilds the remaining schedule when it detects drift from logged hours and completion. React + Vite and FullCalendar.js frontend with Google Calendar and Gmail integration, FastAPI backend, deployed on Vercel and Railway with Supabase.

NarrativeOS — AI Writing Agent for Long-Form Fiction

- A full-stack AI co-writing platform for long-form fiction that helps writers generate prose while automatically maintaining story continuity, character art, and audio narration in one place.
- Routes work across multiple LLMs (Anthropic Claude, OpenAI GPT-4o, Google Gemini), assigning different model tiers to prose versus fast structured tasks and layering prompt caching to cut input token costs by roughly 90% while maximizing efficiency.
- Engineered a parallelized async pipeline running six concurrent agents for memory, continuity, relationship, and outline updates on scene approval. Integrates OpenAI, ElevenLabs, and Anthropic for image, voice, and text, with a FastAPI and Supabase PostgreSQL backend.

LLM Optimization & Stability Benchmarking Platform

- Built for a project sponsor to help businesses run LLMs more efficiently: it compares prompt strategies and models so teams can choose the most cost-effective approach, conserve compute resources, and avoid wasted spend.
- Benchmarks multiple open-source models across NLP tasks (classification, summarization, question answering), measuring quality, accuracy, latency, throughput, and energy use per inference, with a Python and Streamlit interface and a MySQL-backed REST API for experiment tracking and run comparison.

EDUCATION

Master of Science in Artificial Intelligence

August 2026

Kennesaw State University

Master of Science in Software Engineering

May 2025

Kennesaw State University

Bachelor of Science in Biomedical Engineering

May 2024

Mercer University · Concentration: Instrumentation & Embedded Systems