

# DAVID MORGAN

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AI-native engineer shipping at the bleeding edge of agentic tooling — Claude Code, MCP servers, locally-hosted LLMs, parallel agent orchestration. In AT&T's Chief Data Office, architect of production systems delivering **\$3M+ in annual savings**; AT&T's CTO publicly recognized the work on the company-wide 150th-anniversary livestream. Selected design partner for **Windsurf** (~25-person cohort) and for **Koda**, AT&T's internal AI coding tool.

## EXPERIENCE

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### AT&T — Senior Data/AI Engineer, Chief Data Office

Atlanta, GA · Feb 2026 – Present

- Designed a **self-improving migration platform** for the Network organization — rulebook-driven agents, skills, and MCP servers with automated feedback loops that compound institutional knowledge across hundreds of legacy tool migrations, replacing one-off AI-assisted work.
- Architected **5G Experience Pass (5GEP)**, a real-time geospatial event-orchestration platform managing venues, geofences, events, and connected services to deliver priority cellular connectivity at large-scale partnered events.
- Selected as **design partner for Koda**, AT&T's internal AI coding tool — worked 1-on-1 with the lead developer providing structured product feedback informed by deep daily use of Claude Code, Copilot, and Windsurf.

### AT&T — Technical Development Program, Chief Data Office

Atlanta, GA · 2024 – 2026

- Architected and delivered **AndiSense** as sole developer, replacing a commercial vendor to realize **\$3M+ annual savings** — full-stack (React/TypeScript, FastAPI, PostgreSQL) on Azure with CI/CD and AI-powered document ingestion.
- Rebuilt **NAAP (National Access Analytics Platform)** as sole developer (React + Vite, FastAPI, MongoDB) — backbone of the team's data pipeline supporting **\$52M+ in reported business benefits** with hundreds of production commits.
- Placed **top 3 in a Q2 GenAI Hackathon** with a solo-built locally-hosted Ollama LLM for network-config analysis; led a Databricks Runtime + Unity Catalog migration; earned **5/5 / 5/5 performance ratings** and a **Role Model** designation.

### AT&T — Rotational Internship Program

Atlanta, GA · 2021 – 2023

- Joined an elite quantum-cybersecurity team (1 of 4 interns) for the government-mandated migration of **24,000+ applications to quantum-safe encryption** using IBM Qiskit; presented to VPs and the CISO on Grover's Algorithm and cryptographic agility.

## SELECTED PROJECTS

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- **Financial Analysis Agent System** (Next.js 16, Supabase + RLS) — Multi-user finance dashboard aggregating Schwab, Coinbase, and Finnhub with dual AI layers: a Claude Code / `invest` skill for portfolio analysis and an in-app Gemini agent with read/write access to user preferences.
- **Kalshi Investment Assistant** (WebSocket fan-out, 8-source data fusion) — Autonomous edge-finding engine running 10 strategies across 40,000+ prediction markets every five minutes, validated against paper trading.
- **AI-coding archetypes** (contributor to AT&T's internal archetype system) — Built and contributed archetypes now used by other engineers at AT&T: parallel agents via git worktrees, automated Playwright feature demos, and git-history secret remediation.
- **PrintGen** (Next.js, TypeScript) — AI-powered 3D-print marketplace with text/image-to-3D generation and a local Bambu Lab printer pipeline.

## EDUCATION

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**University of Georgia, Terry College of Business** — M.S. Business Analytics, 2024 (GPA 3.85, Magna Cum Laude); B.B.A. Finance with Data Analytics emphasis, 2023 (GPA 3.73, Cum Laude, Zell Miller Scholarship).

## TECHNICAL SKILLS

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Python, TypeScript, JavaScript, SQL · React, Next.js, FastAPI, Node.js · Claude Code, GitHub Copilot, Windsurf, MCP servers, agent orchestration, parallel agents via git-worktree, Azure OpenAI, Ollama, locally-hosted LLMs · Azure (App Service, Entra ID, PostgreSQL, OpenAI), Vercel, Supabase · GitHub Actions, CI/CD · Databricks, MongoDB · Certifications: Azure DP-900, AI-900.