

Phil Daniels

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Tenured Software Engineer with 9 years of experience leading architecture and delivery across frontend, backend, and data systems, most recently on Power Platform and AI agents in M365 Copilot at tens of billions of runs per month. Track record of org-wide technical leadership, mentoring engineers, and shipping work tied to measurable revenue, reliability, and developer productivity.

Professional Experience

Senior Software Engineer, Microsoft

May 2024 - Present, Windsor, CO

- Led the Power Platform AI *credit and consumption report* end to end, groundwork for license enforcement driving \$10M in revenue: designed the Azure Synapse schema, built the .NET service and Synapse Spark pipelines, and led early-in-career engineers on the React frontend.
- Delivered *environment routing* for Power Automate, owning complex UI routing, caching, and API call pattern optimization; unblocked a Fortune 500 deal worth \$1.2M in new licenses.
- Part of the incubation team that drove AI-first engineering across the org: built Claude Code/GitHub Copilot skills and agentic workflows (PR output up 120%), plus Python telemetry and ADX/Grafana dashboards for autonomous PR agents.
- Architected *Module Federation* patterns to decouple frontend deployments across sub-teams, moving releases from bi-weekly to on-demand.
- Re-architected the *distributed job infrastructure* behind environment copy, update, delete, and migration into *batched jobs*, removing a ~250-resource ceiling and cutting job failure rates 10%.
- QDE Champion for the Agent Flows org and member of the *Frontend Expert Group*: owned the shared frontend repo, championed automated testing, and led a vendor test team.
- Building *Workflows Agent* in M365 Copilot (<https://aka.ms/workflowsagents>): improved agent quality 15% through prompt engineering and agent evaluations.
- On Call / Livesite Champion: led reliability initiatives that cut incidents 15% and wake-up calls 30%; cut Home Page API latency 10%.

Senior Software Engineer, Ensemble Health Partners

June 2023 - April 2024, Windsor, CO

- Technical leader and decision maker for the Platform Engineering team; launched a *React micro-frontend* platform (Terraform, Go, S3) that consolidated multiple applications and cut hosting costs 30%.
- Designed a GraphQL identity management platform (Next.js, Lambda, MongoDB) whose data model and integration patterns were adopted org-wide.

Senior Software Developer, UL Solutions

Feb 2017 - June 2023, Laramie, WY

- Technical leader and mentor across 3 Agile teams; led decomposition of an on-prem Java monolith into *microservices* on Kubernetes, cutting costs \$400k/year.
- Developed a *React Native* mobile app and PWA, increasing staff productivity 50%.

Skills

Languages: TypeScript, JavaScript, C#, Python, Go, Java, SQL

Frameworks: React, Next.JS, Node, .NET, React Native

Data and Distributed Systems: Azure Synapse, Spark, Databricks, Redis, MongoDB, Microservices

Cloud and Infrastructure: Azure, AWS, Terraform, Docker, Kubernetes, GitHub Actions

AI and Agents: Claude Code, GitHub Copilot, Prompt Engineering, LLM Evaluation

APIs and Integration: REST, GraphQL, gRPC, WebSockets

Education

B.S., Computer Science, University of Wyoming Aug 2012 - Dec 2016 | Laramie, WY