

Kylan Thomson

AI Solutions Architect · Google Cloud

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Google Cloud Solutions Engineer specializing in Generative AI, with a data engineering foundation across GCP, AWS, and Databricks. I design and ship production GenAI systems — custom agents built on Vertex AI, Gemini Enterprise, the Agent Development Kit, and MCP — for clients from healthcare to aviation, from scoping through deployment.

EXPERIENCE

Google Cloud Solutions Engineer · GenAI · **Promevo**

Sep 2025 – Present

Designing and delivering Generative AI solutions on Google Cloud for Professional Services clients — from scoping through production.

- Engineer custom Generative AI agents, including an agent that automates project resource allocation by ingesting project context, matching skill alignment, checking calendar availability, and creating meeting invites.
- Developed a custom GenAI application for brand-style image creation; external demos of the app won follow-on projects and client workshops.
- Templated and standardized Gemini Enterprise workshop delivery, improving scalability and repeatability across the Professional Services team.
- Re-scoped and stabilized a critical client engagement, turning a misaligned project into follow-on work discussions.
- Scoped a complex content-platform migration for a healthcare client, including a successful proof-of-concept reconstructing proprietary pages into embeddable Google Docs.
- Established a NotebookLM-based process for hosting client engagements, now incorporated into client demonstrations.
- Collaborated with gPanel developers to establish best practices for the Gemini CLI, contributing to internal product and developer enablement.

Vertex AI · Gemini Enterprise · Agent Development Kit (ADK) · MCP · Dialogflow · Python · Google Cloud

Experimentation Specialist · **Alaska Airlines**

Oct 2023 – Sep 2024

AI-assisted experimentation and large-scale data engineering for a major U.S. airline.

- Orchestrated development of LLM-powered agentic workflows that automated experiment analysis with human-in-the-loop validation.
- Engineered Python/PySpark pipelines on Databricks for analyzing experimentation techniques, enabling data-driven product decisions.
- Deployed a Spark-based QA pipeline processing over 100,000 transactions daily for anomaly detection and system health.
- Implemented experiment tagging and tracking systems, surfacing actionable insights on customer behavior and revenue impact.
- Designed and executed experiments promoting eco-friendly initiatives, driving user engagement and conversion.

Python · PySpark · Databricks · LLM Workflows · Spark

Software Engineer · **Credera**

Nov 2021 – May 2023

Cloud data engineering and full-stack delivery for enterprise consulting clients.

- Developed real-time data streams using AWS MSK (Kafka) and Braze, enabling personalized customer engagement.
- Implemented infrastructure as code with Terraform and configured GitHub Actions CI/CD pipelines.
- Built Java integration test suites to ensure pipeline integrity and scalability.
- Led website localization efforts using React and Node.js, increasing global user engagement.

AWS MSK / Kafka · Terraform · Java · GitHub Actions · React · Node.js

Software Engineer · UNO

Oct 2020 - Nov 2021

Early-stage startup engineering across web, mobile, and cloud.

- Contributed to scalable software applications using AWS, React, Node.js, Python, and Flutter.
- Translated business needs into technical documentation, aligning development with stakeholder goals.
- Optimized application performance and backend operations on AWS.
- Developed cross-platform mobile applications with Flutter.

AWS · React · Node.js · Python · Flutter

SKILLS

Generative AI & Agents	Vertex AI, Gemini Enterprise, Agent Development Kit (ADK), MCP Protocol, A2A Communication, Conversational Agents / Dialogflow, Prompt Engineering, Large Language Models, AI Security
Cloud & Data Engineering	Google Cloud Platform (GCP), Google Cloud SDK, Application Integration, Cloud Architecture, AWS, Terraform (IaC), CI/CD · GitHub Actions, PySpark / Databricks, Apps Script
Software Engineering	Python, JavaScript / TypeScript, React & Next.js, Node.js, Java, REST API Development, Integration Services, Agile Delivery, Git / GitHub

CERTIFICATIONS

Google Cloud Generative AI Leader	Oct 2025
Validates expertise in designing and deploying cutting-edge generative AI solutions on Google Cloud.	
Google Cloud Professional Data Engineer	Apr 2022
Demonstrates expert ability to design, build, and manage data processing systems on Google Cloud for reliability and scale.	
Google Cloud Associate Cloud Engineer	Apr 2022
Confirms foundational knowledge of deploying applications, monitoring operations, and maintaining projects on Google Cloud.	

EDUCATION

Virginia Commonwealth University	Graduated Mar 2021
B.S. Computer Science, Minor in Statistics	
Dean's List. Founded CS Certs, a student organization funding certification study materials and exams for web development and computer science.	