

Kevin A. Welsh

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SUMMARY

U.S. Air Force veteran with 8+ years of service, including 5+ years leading personnel and operations in high-tempo logistics environments. Currently completing a B.S. in Cloud Computing at Franklin University while holding the AWS Certified Cloud Practitioner credential and preparing for the AWS Solutions Architect Associate exam in September 2026. Builds and operates live AWS systems, including an autonomous multi-agent AI research platform and a cloud-hosted portfolio site with automated deployment, and stays hungry to learn by continually planning the next project. Brings a proven record of managing complex systems and training teams under pressure to a growing foundation in cloud architecture and operations. Seeking a Cloud Engineer, Cloud Support Engineer, Cloud Support Associate, or technical support role.

PROJECTS

BoardRoom – Autonomous AI Market Research System

2026

- Operates a fully autonomous system in which 17 specialized Claude agents (Amazon Bedrock) scan roughly 1,500 US equities plus crypto daily; screener, research, portfolio, risk, and macro agents feed a senior layer that delivers synthesized briefings to Slack.
- Runs unattended on EC2 Graviton (Ubuntu Server 24.04) with IAM instance-role authentication to Bedrock (no static credentials), automatic HTTPS at a custom domain, and AWS Budgets plus CloudWatch cost controls.
- Docker-based stack (FastAPI, PostgreSQL, Caddy) with GitHub Actions CI running tests and a Docker build on every push; dashboard secured with session auth, PBKDF2 password hashing, and rate-limited logins.
- Application code developed with AI assistance (Claude); architecture, AWS infrastructure, and operations self-directed.

PulseTracker – Stock Research Tool | Python, Flask

2026

- Built a stock research web app serving live market data (yfinance), news aggregation, and AI-generated summaries via a REST-style Flask backend.

kevinawelsh.com – Portfolio Website | S3, CloudFront, Lambda, Bedrock

2026

- Multi-page static site on S3 + CloudFront with automated deploys and cache invalidation via GitHub Actions; features a cost-guarded, Bedrock-powered AI assistant behind a Lambda Function URL.

EXPERIENCE

Independent Cloud Infrastructure Development – Full-Time Skill Development

May 2025 – Present

- Building hands-on AWS skills across architecture, serverless, and operations while shipping the live projects above and preparing for AWS certifications, in parallel with a B.S. in Cloud Computing.

United States Air Force – Ramp Services Supervisor, Air Transportation

Mar 2023 – May 2025

- Directed all ground operations at a high-volume international aerial port processing 45,000+ tons of cargo annually, ensuring zero critical mission failures across 3 consecutive years.

United States Air Force – Air Terminal Operations Supervisor, Air Transportation

Feb 2022 – Mar 2023

- Coordinated with logistics counterparts across 11 agencies in 29 countries to deliver 28,000 tons of humanitarian aid during a 340% surge in international traffic.

United States Air Force – Cargo Processing Supervisor, Air Transportation

Apr 2019 – Feb 2022

- Supervised 27 personnel across daily cargo operations, developing training programs that improved team qualification rates by 35% across 19 operational task areas.

EDUCATION

Franklin University – B.S., Cloud Computing

2025 – 2027 (expected Summer 2027)

Cloud-focused curriculum covering AWS architecture (CCP, SAA, CloudOps tracks), DevOps and IT automation, containers and orchestration, Azure administration, and cloud security.

Community College of the Air Force – Associate's Degree, Transportation

2017 – 2019

LICENSES & CERTIFICATIONS

- AWS Certified Cloud Practitioner – Amazon Web Services, issued 2026
- AWS Certified Solutions Architect – Associate – expected September 2026

SKILLS

AWS: EC2, S3, Lambda, CloudFront, Route 53, IAM, Amazon Bedrock, SNS, Security Groups, CloudWatch, AWS Budgets
Containers: Docker • **Linux** • **Python**, **SQL** • **CI/CD:** GitHub Actions • **Flask** • **Git**