

# Dayan Ibrar

Stafford, VA | [dayan@live.ie](mailto:dayan@live.ie) | [LinkedIn](#) | [dayanibrar.com](http://dayanibrar.com) | [GitHub](#) | Secret Clearance | AWS ML Certified

## EXPERIENCE

### **Senior Data Engineer**

September 2025 – Present

*SteerBridge*

*Vienna, VA · Hybrid*

- Joined as one of the first Data Engineers on the MDC program, building the entire data infrastructure for the U.S. Department of Veterans Affairs from the ground up from zero to production reducing claims processing time from 6+ hours to under 15 minutes in live government production.
- Architected a multi-stage Soap/Rest API, LLM/RAG, Data pipelines covering veteran & claim data ingestion.
- Designed full PostgreSQL schema from & re-engineered legacy SOAP APIs into stable architectures.
- Integrated Glue and SageMaker for AI-driven claims and DBQ collaborated directly with VA executives, Software Engineers, and Data Scientists to translate compliance requirements into scalable architecture.

### **F-35 Data Engineer**

Dec 2025 – Aug 2025

*SteerBridge*

*Beaufort, SC · Hybrid*

- Support the USMC F-35 sustainment program, engineering data pipelines processing large-scale F-35 telemetry maintenance, and readiness data.
- Build Amazon QuickSight dashboards for defense leadership and integrate Azure Databricks and Data Factory into multi-cloud DoD-compliant workflows.

### **Lead Data Engineer**

Feb 2024 – Jan 2026

*FinoSync Corp*

*Stafford, VA · On-site*

- Built Relay: FedRAMP-ready government API gateway translating REST to legacy SOAP/WSDL dynamic WSDL parsing, multi-auth (OAuth2, mTLS, WSSE), real-time request logging pipeline for federal agencies.
- Architected ViDaT Gov: AI aviation data platform on AWS GovCloud for defense and commercial aerospace ETL automation, synthetic data generation, cloud-native analytics.

### **Data Engineer (Contract)**

May 2024 – Sep 2025

*Lockheed Martin*

*Stafford, VA · Hybrid*

- Delivered POCs and architecture designs via Lockheed Martin's supplier portal for radar anomaly detection, aviation sustainment, cyber deception for Lockheed and Sikorsky programs.
- Submitted SBIR proposals including AF254-0812 (AI-enabled Robotic NDE Sensor System); engineered AI tools for signal analysis, supply chain optimization, and threat modeling.

### **AI Software Engineer (IBM Partner) · Software Engineer (AWS Partner)**

*IBM / Amazon Web Services ·*

*Remote / Washington DC*

- IBM: Built Watson, Assistant, Discovery, and NLP-powered AI automation systems on IBM Cloud for enterprise and government IBM-funded engagement.
- AWS: Collaborated with AWS Partner teams integrating GovCloud, Lambda, S3, and SageMaker into defense and aviation platforms aligned with DoD modernization goals.

## TECHNICAL SKILLS

**Languages:** Python, TypeScript, Rust, Scala, GoLang, SQL

**Data & ML:** Apache Spark, Kafka, ETL, Glue, Athena, Redshift, PostgreSQL, Lambda, AWS GovCloud, SageMaker, Amazon Bedrock, S3, SQS, Terraform, LangChain, RAG, TensorRT · YOLOv8 · OCR · NLP

## EDUCATION

**Virginia Commonwealth University**

Richmond, VA

**Program:** *Bachelor of Science in Computer Science To Masters Accelerated*

2023-2026