Elizabeth Thornton

CHIEF ARCHITECT

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SUMMARY

Chief Architect with 15 years in system architecture, data architecture and integration for federal and state government programs. Leads a 28-person architecture practice, sets the AI and automation platform direction on AWS, and presents modernization plans to agency executives and state program directors.

SKILLS

System Architecture • Data Architecture • Integration • AI • Automation • AWS • Python • Mentoring
Communication Skills

EXPERIENCE

Chief Architect
04/2021 - Present

Potomac Federal Solutions
Arlington, VA

Government IT services firm with 2,300 employees supporting civilian and defense agencies.

- Set system architecture direction for **$450 million** in active federal contracts across 14 agency programs.
- Lead an architecture practice of 28 architects and chair the design authority that approves every program baseline.
- Defined the company's AI and automation reference platform on AWS GovCloud, now used by 6 agency programs.
- Write technical volumes for major bids, contributing to 9 wins worth $620 million since 2022.

Director of Enterprise Architecture
08/2016 - 03/2021

Old Dominion Benefits Systems
Richmond, VA

Benefits processing company serving 6 state Medicaid programs.

- Directed data architecture and integration for claims systems processing 40 million claims a year.
- Cut infrastructure costs by **$3.4 million** a year by moving 180 applications to AWS.
- Built an architecture governance process and a mentoring program that grew 10 senior engineers into architects.
- Presented modernization plans to 6 state Medicaid directors, supporting 2 contract renewals.

Solutions Architect
06/2011 - 07/2016

Blue Ridge Systems Integration
Reston, VA

Systems integrator for federal civilian agencies.

- Designed integration between **12** legacy mainframe systems and new web portals for a federal agency.
- Wrote Python automation for environment builds that cut setup time from 2 weeks to 2 days.
- Ran technical reviews for 20 releases and tracked findings through closure.
- Estimated infrastructure sizing for 7 proposals, all delivered within the bid budget.

EDUCATION

Master of Science
05/2011

George Mason University
Fairfax, VA

Systems Engineering

CERTIFICATES

AWS Certified Solutions Architect - Professional

Amazon Web Services

10/2018

Certified Information Systems Security Professional (CISSP)

ISC2

06/2015