Brooks Seahorn
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SUMMARY

Experienced Cloud Engineer and AWS Solutions Architect with a proven track record of over two decades in designing, developing, and deploying innovative cloud solutions. Recognized for leadership in building industry-leading certification programs, mentoring teams, and driving project success. Adept in a broad spectrum of AWS services, cloud architectures, and infrastructure as code methodologies.

TECHNICAL SKILLS

- Cloud Platforms: Amazon Web Services (AWS)

- Cloud Services: EC2, RDS, S3, Lambda, CloudFormation, networking, Iaas, PaaS

- Infrastructure as Code: AWS CloudFormation, Terraform, Pulumi

- Programming: Python, C#

- Other: DevOps, Continuous Integration/Continuous Deployment (CI/CD)

PROFESSIONAL EXPERIENCE

Cloud Solutions Architect & Instructor | INE | 2021 - Present

- Designed AWS labs, security verification templates, and FinOps analysis for ongoing cost optimization.

- Pioneered AWS Solutions Architect and AWS System Operations Associate certification learning paths, setting new standards for cloud education.

- Led development of INE Certified Cloud Associate certification, reshaping entry-level cloud certification standards.

- Provided strategic support through technical and staffing analyses for potential acquisitions.

- Assumed director responsibilities during leadership transitions, contributing to long-range planning and market projections.

Technical Trainer & Content Developer | Amazon Web Services | 2018 - 2021

- Delivered technical training to diverse audiences, mentoring new trainers and improving customer engagement.

- Developed custom classes and materials for AWS developer/architect curriculum, cloud architecture, and specialized training programs.

- Maintained exceptional customer satisfaction scores (4.9 out of 5.0) through effective content delivery.

Senior System Integrator/Technical Lead | Lockheed Martin & Leidos | 2011 - 2012 & 2014 - 2017

- Provided engineering guidance for AWS resource monitoring and analysis.

- Led cross-functional team in planning, execution, and roll-out of workflow management system, meeting critical milestones.

- Published technical papers for optimizing performance and reducing costs in on-premises and cloud infrastructures.

Senior Programmer | US Department of Defense - Lockheed Martin | 2013 - 2014

- Managed team for mission-critical application remediation, streamlining processes and ensuring security.
- Revamped logistics system with system automation, leading to operational efficiency gains.

Lead Programmer | Air Force Directory Services - Lockheed Martin | 2005 - 2011

- Spearheaded software development for identity solutions, including custom Active Directory DoD Global Address List.
- Migrated Microsoft Identity and Integration Server code to C# for improved efficiency.

EDUCATION & CERTIFICATIONS

- AWS Solutions Architect Associate
- AWS SysOps Administrator Associate
- Amazon Certified Public Speaker
- Bachelor of Science in Chemistry, University of Auburn at Montgomery

SKILLS

- Cloud architecture and systems development on AWS
- Instructional design and complex content development
- Training in various scenarios: on-demand, remote, in-person
- Laboratory design and assessment systems
- Programming Languages: .NET, C#, Python, SQL
- Threat assessment modeling and security-focused code review
- Experienced public speaker on technical subjects
- Government IT systems knowledge, DoD data security expertise