

Website: <https://jacklovesaws.cloud/>

Contact Number: 07393469899

Professional Summary

Highly experienced AWS professional specializing in cloud security, infrastructure automation, Agile methodologies, and FinOps strategies. A 6x AWS Certified Professional aiming to complete all 11 AWS Certifications. Adept in Python, Git, and AWS CloudFormation, with a strong focus on implementing secure, scalable, and cost-effective solutions. Skilled AWS Instructor and seasoned consultant capable of translating complex technical concepts for non-technical stakeholders. Expertise in FinOps practices ensures optimized cloud spending and financial accountability.

Experience

DevOps Lead Solutions Architect – CGI

June 2022 – Present

- Led the development of secure and scalable multi-account AWS landing zones, customizing solutions for security, resilience, and cost-efficiency.
- Engineered advanced AWS architectures, prioritizing security through precise configurations of AWS IAM and AWS Security Hub, implementing cost management practices.
- Facilitated cross-functional collaboration using DevOps methodologies, improving workflow efficiency and client satisfaction while managing costs.
- Advocated AWS Well-Architected Framework, leading architectural reviews to improve performance, reliability, security, and cost efficiency.
- Demonstrated expert application of key AWS services (EC2, S3, VPC, IAM, Lambda, CloudWatch, RDS, Route 53) to create secure, resilient, and cost-efficient infrastructures.

AWS DevOps Engineer – CGI

April 2020 – June 2022

- Implemented Infrastructure as Code (IaC) using Terraform and Docker on ECS, ensuring consistent, repeatable, scalable, and cost-effective AWS resource deployment.
- Developed Python scripts for automating routine tasks and managing AWS resources, enhancing operational efficiency and cost management.
- Utilized AWS CloudFormation for automating AWS infrastructure deployment and management, ensuring rapid, reliable, and cost-effective provisioning of resources.
- Managed version control and collaboration through Git, ensuring smooth and efficient code integration and deployment processes, and cost-effective versioning.
- Worked closely with development teams to integrate DevOps practices, including automated testing, code reviews, and continuous integration, fostering continuous improvement and cost efficiency.

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- Conducted regular security assessments, implementing best practices for IAM, network security, and data protection, ensuring robust security postures and cost control.
- Provided mentorship and training to junior DevOps engineers, promoting knowledge sharing, skill development, and financial accountability within the team.

Technical Account Manager – Amazon Web Services

November 2020 – June 2022

- Provided consultancy on AWS infrastructure design, specializing in secure, multi-account environments through AWS Landing Zones.
- Interpreted and applied the AWS Security Reference Architecture, aligning with client-specific business goals and financial strategies.
- Championed the integration of AWS Well-Architected Framework principles into project designs, leading efforts to construct resilient, fault-tolerant, highly available, and cost-efficient systems.
- Fostered collaborative relationships with cross-functional teams, integrating AWS solutions into client application ecosystems to enhance security, efficiency, and cost-effectiveness.
- Shared deep technical knowledge and AWS expertise with clients and internal teams, establishing myself as a go-to advisor for secure, efficient, and cost-effective AWS implementations.

Senior Technical Pre-Sales Consultant – Ideagen PLC

May 2018 - October 2020

- Engaged with clients to understand architectural needs and objectives within Azure and AWS ecosystems, ensuring performance, security, and cost-efficiency.
- Conducted in-depth analyses of client infrastructures to identify opportunities for cloud integration and optimization.
- Led technical discussions and workshops with client stakeholders, translating complex cloud architectures into understandable and actionable insights, emphasizing financial implications and cost optimization.
- Facilitated the transition from pre-sales to implementation, ensuring smooth handover to technical teams and emphasizing the practical execution and financial impact of proposed solutions.
- Served as a trusted technical advisor, helping clients navigate cloud adoption complexities and leverage Azure and AWS for transformative, cost-effective business outcomes.

AWS Instructor – E-Careers

August 2017 – Present (Part-time, Evenings and Weekends)

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- Led comprehensive AWS training programs, equipping professionals with knowledge and skills to leverage AWS technologies effectively.
- Developed and delivered engaging course content blending theoretical insights with hands-on lab sessions.
- Cultivated an interactive learning environment encouraging questions, critical thinking, and problem-solving, fostering a deeper comprehension of AWS technologies and their real-world applications.
- Regularly updated training materials to reflect the latest AWS advancements and industry best practices, ensuring learners received up-to-date information on cloud technology trends and cost optimization.
- Provided personalized mentorship and guidance to students, tailoring support to help each student achieve certification and career goals.
- Led a team of associate instructors, setting educational standards and mentoring them in effective teaching methodologies.
- Fostered a community of practice among AWS learners and professionals, organizing workshops, seminars, and networking events to enhance collaborative learning and professional growth.

Cloud Infrastructure Engineer – Safe Fence

June 2016 – May 2018

- Architected and implemented the company's inaugural cloud infrastructure on AWS, laying the groundwork for scalable, secure, and cost-effective operations.
- Designed and deployed a multi-account AWS architecture ensuring segregated and secure environments.
- Constructed a robust and resilient infrastructure using AWS native technologies, incorporating services like EC2, S3, VPC, IAM, and CloudWatch.
- Integrated advanced AWS security features and practices, setting up Security Groups, Network ACLs, IAM policies, and AWS Shield for DDoS protection.
- Led automation and optimization of cloud operations using AWS-native tools and DevOps practices, employing CloudFormation for IaC and AWS Lambda for serverless computing.
- Conducted rigorous testing and quality assurance of the AWS environment using AWS Inspector and Trusted Advisor.
- Coordinated closely with development, operations, and security teams to integrate AWS services into the company's application ecosystem.
- Maintained up-to-date knowledge of AWS features and services, continuously refining and expanding the cloud infrastructure to leverage new AWS innovations.

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Certifications

- AWS Certified Security Specialty
- AWS Architect Professional: January 2022
- AWS Well Architected Framework: February 2022
- AWS SysOps Associate: June 2021
- AWS Certified Developer Associate: April 2022
- AgilePM Foundation: March 2021
- AgilePM Practitioner: March 2021
- Microsoft Azure Fundamentals (AZ-900): February 2024

References

Available on request