

JESSICA CLAIRE

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Professional Summary

A Value-driven AWS/DevOps Engineer with over 6 years overall experience in IT and 4 years in AWS Cloud environments with proficiency in cloud orchestration, network, data protection, security, monitoring and event management, application delivery, governance, and compliance in AWS cloud environments. Valuable in the review of proposals, making effective choices, and contributing to the entire development lifecycle. Excellent communication, planning, and decision-making skills

Skills

- Cloud Orchestration/Automation: AWS Cloud Formation, AWS Lambda, AWS Systems Manager, EC2, ELB, RDS, SNS, SQS, SES, Route53, CloudFront, Service Catalog, AWS Auto Scaling, Trusted Advisor, CloudWatch, etc
- Network: VPC, TGW, NGW, AWS WAF, IGW, etc
- AWS Security: AWS Security Hub, AWS Shield, AWS Firewall (Security groups and NACLs), KMS Manager, AWS Inspector, AWS WAF, AWS Security Guardrails etc,
- Cloud Security Visibility and Compliance: Checkpoint Dome9, AWS Guard Duty, VPC Flow logs.
- CI/CD Pipeline: Kubernetes, DOCKER, GITHUB, Python, code Build, TERRAFORM, ANSIBLE, JENKINS.
- Governance & Compliance: AWS Config Rules, AWS Organization, AWS Control Tower, AWSTrusted Advisor,
- Identity & Access Management (IAM): AWS Organization, Active Directory, AWS Workspaces, AWS Secrets Manager, etc
- Database administration: RDS (Postgres, MySQL, Oracle, Microsoft SQL Server, Data warehouse
- Agile: Scrum, Kanban, Backlog Refinement, Sprint Planning | PI Planning, Capacity Planning, Release Planning, Estimation Techniques, Risk Mitigation, Good Knowledge of SDLC, Scaled Agile Framework (SAFe).

Work History

DevOps Engineer, 01/2021 to Current

Bigbear.Ai – Huntsville, AL

- Implemented Security best practices in AWS, including multi-factor authentication, access key rotation, role-based permissions enforced strong password policy and configuration.
- Developed CI/CD Pipelines to standardize the infrastructure and automate DevOps processes, allowing customers to rapidly build, test, and release code while minimizing error.
- Implemented containers on AWS using ECS and complementary services, including Amazon Elastic Container Registry (ECR).
- Built serverless architecture with Lambda integrated with SNS, Cloud Watch logs, and Amazon Glue.
- Developed Baseline VPC and Network design including leveraging VPN Connectivity and Direct Connect.
- Architected Serverless Solutions using AWS Lambda and Amazon API gateway in event-driven patterns to power scalable and secure serverless applications.
- Wrote Docker files, built images, and deployed Docker containers to break up monolithic applications into microservices to improve developer workflow, increased scalability, and optimize speed.
- Defined methods for failure management, performance testing, and application auditing, within our serverless architecture, that uses managed services that are appropriate for our expected data flow and scaling requirements.
- Implemented AWS Systems manager service capabilities to automatically collect software inventory, apply OS Patches, and automate administrators' tasks and complex workflows across our environments.
- Architected Dev/UAT/Prod environments by configuring VPCs, subnets, security groups, EC2 instances, load balancers, RDS, and Route53.
- Implemented and managed Ansible Tower.
- Implemented the setup for master and slave architecture to improve the performance of Jenkins.
- Architected, built, and maintained cost-efficient, scalable cloud environments for the organization.
- Migrated on-premises workflow into cloud infrastructure.
- Designed and implemented highly available, scalable, and secure AWS infrastructure using IAAC tools such as Cloud Formation and Terraform.

DevOps Engineer, 02/2019 to 01/2021

Bigbear.Ai – Virginia Beach, VA

- Created and maintained fully automated CI/CD pipelines for code deployment using Jenkins for CI and Ansible for Deployment.
- Actively managed, improved, and monitored cloud infrastructure on AWS, EC2, S3, and RDS, including backups, patches, and scaling.
- Built and deployed Docker containers to break up monolithic applications into microservices, improved developer workflow, increased scalability, and optimized speed.
- Architect, build, and maintain cost-efficient, scalable cloud environments for the organization
- Architected Dev/UAT/Prod environments by configuring VPCs, subnets, security groups, EC2 instances, load balancers, RDS, Route53, etc.
- Designed and implemented highly available, scalable, and secure AWS Infrastructures using IAAC tools such as Terraform/Cloud Formation.
- Use AWS direct connect to connect client on-premises to AWS datacenter.
- Wrote custom Lambda functions to enable automation in the environment.
- Implemented Security best practices in AWS, including multi-factor authentication, access key rotation, role-based permissions, enforced strong password policy, and configuration.
- Migrating on-premises based workloads into Cloud infrastructure

Scrum Master, 03/2016 to 12/2019

Futurais Tech – City, State

- Organized and facilitated all scrum ceremonies and release planning- including daily scrums, sprint planning, sprint reviews, backlog grooming, and sprint retrospectives.
- Mentored teams, sharing skills and expertise, and encouraged each member to bring forward ideas and suggestions for improvement.
- Coached scrum teams in agile best practices such as continuous integration, project transparency, code review, Jira ticket tracking, product visioning, self-organization, and pair programming.
- Served as a scrum master to 3 engineering teams (20+ people), helping build team consensus, team discussions, promoting process improvements, and resolving impediments/ conflicts when needed.
- Assisted development teams and Business Analysts to refine product functionality, communicating project progress, risks, and issues to product owners and stakeholders as needed.
- Collaborated with product owners and team members, to ensure product backlogs were consistently ordered and refined to achieve business needs.
- Mentored teams, leading them to be self-organized with strong decision-making, accountability, and conflict resolution traits.
- Helped teams in estimating user stories to fit within capacity, keeping them focus during sprint planning ensuring team members understand sprint priorities, and sprint goals and never over-commit to work.
- Consistently reminded teams daily about updating JIRA tasks for more accurate reporting and analysis of project burndown charts.
- Motivate teams to work towards continuous improvement and delivering shippable products that deliver business value in every sprint.

Education

MBA: Business Administration, 01/2015

Cyprus International University - Nicosia, Cyprus

Bachelor of Arts: Economics, 12/2009

University of Buea - South West Region

Certifications

Certified Microsoft Office Specialist - Access 2016 (MOS) 07/2019

Oracle Certified Associate - OCA - 08/2021

Certified Professional Scrum Master - 06/2022