Akash Shrestha

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AWS SysOps Administrator

AWS Certified SysOps Administrator with a strong focus on cloud infrastructure management, automation, and system optimization. Expertise in managing production environments using key AWS services such as EC2, RDS, S3, and CloudFormation, along with tools like Terraform and CodeDeploy to ensure highly available, secure, and scalable solutions.

Skills

AWS: EC2, S3 Storage Services, Databases, DNS using Route 53, VPCs, ELB, AutoScaling, CloudFront, CloudWatch, Cloud Trail, SNS, SQS, SWF, Cloud Formation, Cognito, API Gateway, Lambda
Networking: VPC, VGW, CGW, IGW, NGW
Deploying applications/configurations: Cloud Formation, Terraform, Elastic Beanstalk, AWS CodePipeline, AWS CodeCommit
Governance & Compliance: AWS Config Rules, AWS Organization, AWS Trusted Advisor, AWS Budgets
Programming: Bash, JSON, YML
Application Delivery: Gitlab, CodeCommit
Identity & Access Management: AWS Organization, AWS IAM
Monitoring & Event Management: AWS Cloud Watch (Events & Logs), AWS SNS, AWS SES, Lynis, CheckMK, Splunk
Ticketing System: Jira

Professional Certifications

AWS SysOps Administration Associate   7/2024 Received
Amazon Web Services (AWS)
Certification #47f5ceb0ad02463785ba27e3623322d3

AWS Cloud Practitioner   3/2023 Received
Amazon Web Services (AWS)

Education

Yellow Tail Tech   Grad Month/Year
AWS for Jobs

Bachelor of Science in Information Technology (BSc.IT) Grad 2014
London Metropolitan University

Professional Experience

Pro-Core Plus, Remote   10/2023 - Present
AWS Cloud SysOps

Work Experience

Procore Plus, Silver Spring, Maryland   10/2023 - Present
Aws Sysops Administrator

- Provision and manage services on Amazon Web Services platform
- Expertise static website hosting on AWS S3
- Maintaining EC2 services like attaching volumes, configuring security groups.
- High availability, scalability and security of applications
- Team member role within a team of cloud engineers which includes a variety of
- responsibilities
- Created Repositories and Branches using CodeCommit as an administrator.
- Installed and Setup Web Servers (Apache), DB Server (MySQL).
- Created architecture requirements and Cloud Formation templates
- Setting up EC2s, Installing & Configuring them with required software
- First hand experience in CI/CD with CodeDeploy, CodeCommit and CodePipeline.
- Manage EC2 instances using SSM
- Administer VPC connections; subnets, peering, ACLs, SSH -bastion host servers
- Work with the development team to deploy public-facing applications using both Application and Network Load Balancers to manage traffic to auto scaling groups
- Aid developers in improving the organization's websites through code pipeline template modifications.
- Extensive Experience on ticketing tools like JIRA
- Support Solution Architects in Creating solutions for customers.
- Created different environments using Elastic BeanStalk to deploy applications.
- Have good experience in troubleshooting aws services.
- Managing Elastic Block Storage (EBS) and S3 buckets & enabling versioning & lifecycle management policies on 3 buckets
- Create snapshots and amazon machine images (AMls) of the instances for backup and creating clone Instances
- Experience in managing and maintaining IAM policies for organizations in AWS to define groups, create users, assign roles and define rules for role based access to AWS resources
- Deployed MySQL database on AWS RDS service using Terraform.
- Expertise in architecting secure VPC solutions in AWS with the help of Network ACLs, security groups, public and private network configurations

Amazon Fulfillment Centre, Edgemere, Maryland   Start 3/2021 - End 5/2022
Learning Ambassador

- Consistently met and exceeded productivity targets, receiving high praise for speed, accuracy, and attention to detail in order fulfillment.
- Promoted to Learning Ambassador, responsible for training and onboarding new hires, conducting classes to teach them essential warehouse operations and procedures.
- Led instructional sessions on machine operation, safety protocols, and effective communication with team leaders, fostering a culture of continuous improvement.
- Provided one-on-one support to new employees, helping them navigate their roles, develop their skills, and understand company expectations.
- Encouraged new hires to actively communicate with leadership, emphasizing the importance of feedback and continuous learning for career growth.

Royal Farms, Towson, Maryland   Start 4/2020 - End 3/2021
Food Service Leader

- Trained new hires on food preparation techniques, inventory processes, and customer service protocols, ensuring they understood and adhered to standard policies and practices.
- Worked closely with other team members to maintain a smooth operation during busy periods, providing excellent customer service and meeting sales targets.
- Regularly checked on the progress of new hires, offering guidance and feedback to ensure they developed the necessary skills and maintained high performance levels.
- Regularly monitored inventory levels, conducted stock checks, and efficiently reordered supplies from vendors to maintain optimal stock levels.
- Managed relationships with vendors, placing orders for ingredients and supplies, ensuring timely delivery, and verifying the accuracy and quality of delivered goods.
- Ensured all food items met the shop's standards for freshness, presentation, and hygiene, contributing to customer satisfaction and repeat business.

Chrome Solution, Towson, Maryland   Start 11/2019 - End 1/2020
Sales Associate

- Participated in daily morning meetings to plan and strategize door-to-door sales activities, ensuring an effective approach to target potential customers.
- Conducted door-to-door sales, engaging directly with potential customers to present and explain internet service offerings, highlighting the benefits and value of available deals.
- Successfully converted leads into sales by building rapport, addressing customer concerns, and closing deals to meet or exceed sales targets.
- Maintained a thorough understanding of internet service packages, allowing for accurate and persuasive communication of product benefits to potential customers.
- Adjusted sales tactics based on customer feedback and neighborhood characteristics, optimizing approach to achieve the best results.

Digital Gurkha, Kathmandu, Nepal   Start 7/2018 - End 4/2020
Operation Manager

- Communicating with the clients, having meetings and getting clients' requirements and needs, communicating with the team for an awesome outcome.
- Setting up sprints and creating daily tasks, for the respective personnel, so the work goes smoothly without any hiccups, through the management tool, Asana, and Trello.
- Monitor employees' productivity and optimize the workflow to increase efficiency.
- Creating client's progress reports, with all the details.
- Involved in the hiring process.
- Coordinating with HR to create a smooth workflow and creating milestones for the company's growth.

Graphic Designer

- Created daily graphical assets for 10+ clients, considering their brand values and identities.
- Brainstorming with the team and coming up with great campaign ideas and creating a functional design.
- Creating vector illustrations for motion graphics.
- Reviewing designs and guiding interns.
- Creating print design and digital design as required by the company or clients.
- Creating Display ads, blog designs, Facebook designs for marketing use.

WebSupreme, Balkhu, Nepal   Start 2/2016 - End 8/2017
Front End Developer

- Converting UI design to code, using HTML, CSS, and JavaScript.
- Installing, building, and customizing WordPress templates.
- Communicating and coordinating with developers and designers so the project goes in sync, we always strived to complete projects before the deadline.
- Creating various stages on GitHub and working with the team to get a bug-free, responsive website and mobile app.